TWINHEAD

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TWINHEAD



14K

SERVICE MANUAL

Table of Contents

階　次	品　　號	品名/規格	單位	數量
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0	M-R14KT1	R14KT1 MODEL	SET	1
0.1	O-R14KT1-BASE	R14KT1-BASE	PCE	1
..2	85-000682-00	R14KT1-#8162/#8574 BASE SYSTEM-W	PCE	1
...3	63-000710-00	ALL MODEL-PRODUCT BAR CODE LABEL	PCE	32
...3	66-682090-00	R14KT1-PCB'A W/GENERIC BIOS SET	PCE	1
...3	80-8A1700-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1
...3	80-8A1710-00A	R14KT1-PCB ASS'Y-JP-COM-REV:A-W/	PCE	1
...3	86-682000-00	#8162/#8574 SYSTEM CABINET-R14KT	PCE	1
....4	29+015370+00	R14KT1-SB-USB FPC-CA370A	PCE	1
....4	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372B	PCE	1
....4	29-005070-00	P14G-HDD CABLE-CA304A	PCE	1
....4	40+003660+00	R14KT1-HEATSINK MODULE W/FAN-D30	PCE	1
....4	40+006200+00	R14KT1-CPU DOOR-#8574-M-D3081B	PCE	1
....4	40+006201+01	R14KT1-COMMUNICATION DOOR-#8574-	PCE	1
....4	40+006203+00	R14KT1-STAND OFF-NI+SELF-LOCKING	PCE	2
....4	40+011160+80	R14KT1-HDD DOOR-#8574-C3516F	PCE	1
....4	40+011164+60	R14KT1-CD-ROM BRACKET DOOR-#8574	PCE	1
....4	40+031364+01	P14N-HDD BRACKET-B2256B	PCE	1
....4	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	PCE	1
....4	41+420526+04	SCREW BPS/W-B3892C-M2.6X4L, ∮D6.	PCE	3
....4	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	5
....4	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	3
....4	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	13
....4	41-721026-06	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm	PCE	16
....4	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	2
....4	41-850926-08	SCREW ISOP-M2.6X8L-BLACK-SELF-LO	PCE	2
....4	44-000001-00	PROCESS MATERIALS FOR SYSTEM	PCE	1
....4	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	PCE	2
....4	50-023476-00	E12B-MYLAR FOR TOUCH PAD-KS-0025	PCE	1

階　次	品　　號	品名/規格	單位	數量
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....4	50-961401-T1	P14N-#8162 K/B COVER ASS'Y-E1075	PCE	1
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.03
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.02
....4	51-350094-06	CONDUCTIVE SPONGE 10X1X1000mm-KL	PCE	0.02
....4	51-350094-15	P88S-CONDUCTIVE SPONGE 10X0.5X10	PCE	0.02
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.16
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.15
....4	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	52-002264-00	P14N-K/B RUBBER-E4032C	PCE	1
....4	52-002276-00	P14N-K/B RUBBER COVER-E4075B	PCE	1
....4	77-682007-00	R14KT1-#8574 LOWER COVER KIT	PCE	1
.....5	40+002560+03	R14KT1-LOWER COVER-#8574-M-B1392	PCE	1
.....5	40-006040-00	N222S1-BATTERY HOOK-B3377B	PCE	1
.....5	40-011951-00	N222S1-BATTERY LATCH SPRING-D479	PCE	1
.....5	41-420520-03	SCREW BPS/W (∮ 5.5)-M2X3L-NYLOK-	PCE	2
.....5	50+043041+30	R14KT1-BATTERY LATCH-#8574-C3514	PCE	1
.....5	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	77-682007-10	R14KT1-#8162 UPPER COVER KIT	PCE	1
.....5	22-300037-01	SPK (R)(L) W/MICROPHONE-W/O RUBB	PCE	1
.....5	27-300051-10	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-20	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-30	P14N-GASKET TAPE-D4877A	PCE	1
.....5	29-160250-00	P02G-TPD-PCB/MB FFC-P1.0x12P-CA2	PCE	1
.....5	29-160287-01	A2121-FFC TOUCHPAD TO TOUCHPAD P	PCE	1
.....5	40+008281+00	R14KT1-UPPER COVER SPEAKER AL-FO	PCE	2
.....5	40+008321+00	R14DT1-AL FOIL FOR POWER BUTTON-	PCE	1
.....5	40-002243-00	P14N-SPEAKER COVER-E4017A	PCE	2
.....5	40-007050-50	A5000M-K/B SHIELDING ESD CU-FOIL	PCE	2
.....5	40-008055-00	P14N-BOSS FOIL-E4185A	PCE	1
.....5	40-008192-00	R15B-AL FOIL FOR CPU MODULE-F424	PCE	1

階　次	品　　號	品名/規格	單位	數量
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.....5	40-031362-00	P14N-TOUCHPAD BRACKET-B2254A	PCE	1
.....5	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	8
.....5	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	2
.....5	50+023694+00	R14KT1-UPPER COVER LENS MYLAR-F4	PCE	1
.....5	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR-E4	PCE	1
.....5	50-023263-00	P14N-SWITCH MYLAR-KL1885A	PCE	1
.....5	50-040167-00	P78-MICRO PHONE RUBBER-B4549A	PCE	1
.....5	50-968201-02	R14KT1-#8162 UPPER COVER ASS'Y-E	PCE	1
.....5	51+036331+00	R14KT1-UPPER COVER SPONGE-F44780	PCE	1
.....5	51-350094-01	CONDUCTIVE SPONGE 5X2X1000mm-KL1	PCE	0.03
.....5	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE .	25
.....5	73-080052-00	TOUCH PAD-FOR SOTEC-SYNAPTICS-TM	PCE	1
.....5	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	PCE	1
..2	85-000682-10	R14KT1-#8162/#8574 BASE SYSTEM-W	PCE	1
...3	63-000710-00	ALL MODEL-PRODUCT BAR CODE LABEL	PCE	32
...3	66-682090-10	R14KT1-PCB'A W/T/H BIOS SET	PCE	1
...3	80-8A1700-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1
...3	80-8A1710-00A	R14KT1-PCB ASS'Y-JP-COM-REV:A-W/	PCE	1
...3	86-682000-00	#8162/#8574 SYSTEM CABINET-R14KT	PCE	1
....4	29+015370+00	R14KT1-SB-USB FPC-CA370A	PCE	1
....4	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372B	PCE	1
....4	29-005070-00	P14G-HDD CABLE-CA304A	PCE	1
....4	40+003660+00	R14KT1-HEATSINK MODULE W/FAN-D30	PCE	1
....4	40+006200+00	R14KT1-CPU DOOR-#8574-M-D3081B	PCE	1
....4	40+006201+01	R14KT1-COMMUNICATION DOOR-#8574-	PCE	1
....4	40+006203+00	R14KT1-STAND OFF-NI+SELF-LOCKING	PCE	2
....4	40+011160+80	R14KT1-HDD DOOR-#8574-C3516F	PCE	1
....4	40+011164+60	R14KT1-CD-ROM BRACKET DOOR-#8574	PCE	1
....4	40+031364+01	P14N-HDD BRACKET-B2256B	PCE	1

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....4	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	PCE	1
....4	41+420526+04	SCREW BPS/W-B3892C-M2.6X4L, ∮D6.	PCE	3
....4	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	5
....4	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	3
....4	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	13
....4	41-721026-06	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm	PCE	16
....4	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	2
....4	41-850926-08	SCREW ISOP-M2.6X8L-BLACK-SELF-LO	PCE	2
....4	44-000001-00	PROCESS MATERIALS FOR SYSTEM	PCE	1
....4	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	PCE	2
....4	50-023476-00	E12B-MYLAR FOR TOUCH PAD-KS-0025	PCE	1
....4	50-961401-T1	P14N-#8162 K/B COVER ASS'Y-E1075	PCE	1
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.03
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.02
....4	51-350094-06	CONDUCTIVE SPONGE 10X1X1000mm-KL	PCE	0.02
....4	51-350094-15	P88S-CONDUCTIVE SPONGE 10X0.5X10	PCE	0.02
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.16
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.15
....4	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	52-002264-00	P14N-K/B RUBBER-E4032C	PCE	1
....4	52-002276-00	P14N-K/B RUBBER COVER-E4075B	PCE	1
....4	77-682007-00	R14KT1-#8574 LOWER COVER KIT	PCE	1
.....5	40+002560+03	R14KT1-LOWER COVER-#8574-M-B1392	PCE	1
.....5	40-006040-00	N222S1-BATTERY HOOK-B3377B	PCE	1
.....5	40-011951-00	N222S1-BATTERY LATCH SPRING-D479	PCE	1
.....5	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2
.....5	50+043041+30	R14KT1-BATTERY LATCH-#8574-C3514	PCE	1
.....5	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	77-682007-10	R14KT1-#8162 UPPER COVER KIT	PCE	1

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.....5	22-300037-01	SPK (R)(L) W/MICROPHONE-W/O RUBB	PCE	1
.....5	27-300051-10	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-20	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-30	P14N-GASKET TAPE-D4877A	PCE	1
.....5	29-160250-00	P02G-TPD-PCB/MB FFC-P1.0x12P-CA2	PCE	1
.....5	29-160287-01	A2121-FFC TOUCHPAD TO TOUCHPAD P	PCE	1
.....5	40+008281+00	R14KT1-UPPER COVER SPEAKER AL-FO	PCE	2
.....5	40+008321+00	R14DT1-AL FOIL FOR POWER BUTTON-	PCE	1
.....5	40-002243-00	P14N-SPEAKER COVER-E4017A	PCE	2
.....5	40-007050-50	A5000M-K/B SHIELDING ESD CU-FOIL	PCE	2
.....5	40-008055-00	P14N-BOSS FOIL-E4185A	PCE	1
.....5	40-008192-00	R15B-AL FOIL FOR CPU MODULE-F424	PCE	1
.....5	40-031362-00	P14N-TOUCHPAD BRACKET-B2254A	PCE	1
.....5	41-720026-03	SCREW ISOT-M2.6X3L §D4.5/H0.8mm	PCE	8
.....5	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	2
.....5	50+023694+00	R14KT1-UPPER COVER LENS MYLAR-F4	PCE	1
.....5	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR-E4	PCE	1
.....5	50-023263-00	P14N-SWITCH MYLAR-KL1885A	PCE	1
.....5	50-040167-00	P78-MICRO PHONE RUBBER-B4549A	PCE	1
.....5	50-968201-02	R14KT1-#8162 UPPER COVER ASS'Y-E	PCE	1
.....5	51+036331+00	R14KT1-UPPER COVER SPONGE-F44780	PCE	1
.....5	51-350094-01	CONDUCTIVE SPONGE 5X2X1000mm-KL1	PCE	0.03
.....5	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.25
.....5	73-080052-00	TOUCH PAD-FOR SOTEC-SYNAPTICS-TM	PCE	1
.....5	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	PCE	1
..2	85-000682-20	R14KT1-#8162/#8574 BASE SYSTEM-W	PCE	1
...3	63-000710-00	ALL MODEL-PRODUCT BAR CODE LABEL	PCE	32
...3	66-682090-20	R14KT1-PCB'A W/HASEE BIOS SET	PCE	1
...3	80-8A1700-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1

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...3	80-8A1710-00A	R14KT1-PCB ASS'Y-JP-COM-REV:A-W/	PCE	1
...3	86-682000-00	#8162/#8574 SYSTEM CABINET-R14KT	PCE	1
....4	29+015370+00	R14KT1-SB-USB FPC-CA370A	PCE	1
....4	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372B	PCE	1
....4	29-005070-00	P14G-HDD CABLE-CA304A	PCE	1
....4	40+003660+00	R14KT1-HEATSINK MODULE W/FAN-D30	PCE	1
....4	40+006200+00	R14KT1-CPU DOOR-#8574-M-D3081B	PCE	1
....4	40+006201+01	R14KT1-COMMUNICATION DOOR-#8574-	PCE	1
....4	40+006203+00	R14KT1-STAND OFF-NI+SELF-LOCKING	PCE	2
....4	40+011160+80	R14KT1-HDD DOOR-#8574-C3516F	PCE	1
....4	40+011164+60	R14KT1-CD-ROM BRACKET DOOR-#8574	PCE	1
....4	40+031364+01	P14N-HDD BRACKET-B2256B	PCE	1
....4	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	PCE	1
....4	41+420526+04	SCREW BPS/W-B3892C-M2.6X4L, ∮D6.	PCE	3
....4	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	5
....4	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	3
....4	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	13
....4	41-721026-06	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm	PCE	16
....4	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	2
....4	41-850926-08	SCREW ISOP-M2.6X8L-BLACK-SELF-LO	PCE	2
....4	44-000001-00	PROCESS MATERIALS FOR SYSTEM	PCE	1
....4	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	PCE	2
....4	50-023476-00	E12B-MYLAR FOR TOUCH PAD-KS-0025	PCE	1
....4	50-961401-T1	P14N-#8162 K/B COVER ASS'Y-E1075	PCE	1
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.03
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.02
....4	51-350094-06	CONDUCTIVE SPONGE 10X1X1000mm-KL	PCE	0.02
....4	51-350094-15	P88S-CONDUCTIVE SPONGE 10X0.5X10	PCE	0.02
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.16
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE .	15

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....4	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	52-002264-00	P14N-K/B RUBBER-E4032C	PCE	1
....4	52-002276-00	P14N-K/B RUBBER COVER-E4075B	PCE	1
....4	77-682007-00	R14KT1-#8574 LOWER COVER KIT	PCE	1
.....5	40+002560+03	R14KT1-LOWER COVER-#8574-M-B1392	PCE	1
.....5	40-006040-00	N222S1-BATTERY HOOK-B3377B	PCE	1
.....5	40-011951-00	N222S1-BATTERY LATCH SPRING-D479	PCE	1
.....5	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2
.....5	50+043041+30	R14KT1-BATTERY LATCH-#8574-C3514	PCE	1
.....5	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	77-682007-10	R14KT1-#8162 UPPER COVER KIT	PCE	1
.....5	22-300037-01	SPK (R)(L) W/MICROPHONE-W/O RUBB	PCE	1
.....5	27-300051-10	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-20	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-30	P14N-GASKET TAPE-D4877A	PCE	1
.....5	29-160250-00	P02G-TPD-PCB/MB FFC-P1.0x12P-CA2	PCE	1
.....5	29-160287-01	A2121-FFC TOUCHPAD TO TOUCHPAD P	PCE	1
.....5	40+008281+00	R14KT1-UPPER COVER SPEAKER AL-FO	PCE	2
.....5	40+008321+00	R14DT1-AL FOIL FOR POWER BUTTON-	PCE	1
.....5	40-002243-00	P14N-SPEAKER COVER-E4017A	PCE	2
.....5	40-007050-50	A5000M-K/B SHIELDING ESD CU-FOIL	PCE	2
.....5	40-008055-00	P14N-BOSS FOIL-E4185A	PCE	1
.....5	40-008192-00	R15B-AL FOIL FOR CPU MODULE-F424	PCE	1
.....5	40-031362-00	P14N-TOUCHPAD BRACKET-B2254A	PCE	1
.....5	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	8
.....5	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	2
.....5	50+023694+00	R14KT1-UPPER COVER LENS MYLAR-F4	PCE	1
.....5	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR-E4	PCE	1
.....5	50-023263-00	P14N-SWITCH MYLAR-KL1885A	PCE	1
.....5	50-040167-00	P78-MICRO PHONE RUBBER-B4549A	PCE	1

階 次	品 號	品名/規格	單位	數量
=========	================	==================================	=======	===
.....5	50-968201-02	R14KT1-#8162 UPPER COVER ASS'Y-E	PCE	1
.....5	51+036331+00	R14KT1-UPPER COVER SPONGE-F44780	PCE	1
.....5	51-350094-01	CONDUCTIVE SPONGE 5X2X1000mm-KL1	PCE	0.03
.....5	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE .	25
.....5	73-080052-00	TOUCH PAD-FOR SOTEC-SYNAPTICS-TM	PCE	1
.....5	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	PCE	1
..2	85-000682-30	R14KT1-#8162/#8574 BASE SYSTEM-W	PCE	1
...3	63-000710-00	ALL MODEL-PRODUCT BAR CODE LABEL	PCE	32
...3	66-682090-30	R14KT1-PCB'A W/GENERIC BIOS & WL	PCE	1
...3	80-8A1700-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1
...3	80-8A1710-00A	R14KT1-PCB ASS'Y-JP-COM-REV:A-W/	PCE	1
...3	86-682000-00	#8162/#8574 SYSTEM CABINET-R14KT	PCE	1
....4	29+015370+00	R14KT1-SB-USB FPC-CA370A	PCE	1
....4	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372B	PCE	1
....4	29-005070-00	P14G-HDD CABLE-CA304A	PCE	1
....4	40+003660+00	R14KT1-HEATSINK MODULE W/FAN-D30	PCE	1
....4	40+006200+00	R14KT1-CPU DOOR-#8574-M-D3081B	PCE	1
....4	40+006201+01	R14KT1-COMMUNICATION DOOR-#8574-	PCE	1
....4	40+006203+00	R14KT1-STAND OFF-NI+SELF-LOCKING	PCE	2
....4	40+011160+80	R14KT1-HDD DOOR-#8574-C3516F	PCE	1
....4	40+011164+60	R14KT1-CD-ROM BRACKET DOOR-#8574	PCE	1
....4	40+031364+01	P14N-HDD BRACKET-B2256B	PCE	1
....4	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	PCE	1
....4	41+420526+04	SCREW BPS/W-B3892C-M2.6X4L, ∮D6.	PCE	3
....4	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	5
....4	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	3
....4	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	13
....4	41-721026-06	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm	PCE	16
....4	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	2

階　次	品　　號	品名/規格	單位	數量
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....4	41-850926-08	SCREW ISOP-M2.6X8L-BLACK-SELF-LO	PCE	2
....4	44-000001-00	PROCESS MATERIALS FOR SYSTEM	PCE	1
....4	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	PCE	2
....4	50-023476-00	E12B-MYLAR FOR TOUCH PAD-KS-0025	PCE	1
....4	50-961401-T1	P14N-#8162 K/B COVER ASS'Y-E1075	PCE	1
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.03
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.02
....4	51-350094-06	CONDUCTIVE SPONGE 10X1X1000mm-KL	PCE	0.02
....4	51-350094-15	P88S-CONDUCTIVE SPONGE 10X0.5X10	PCE	0.02
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.16
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE .	15
....4	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	52-002264-00	P14N-K/B RUBBER-E4032C	PCE	1
....4	52-002276-00	P14N-K/B RUBBER COVER-E4075B	PCE	1
....4	77-682007-00	R14KT1-#8574 LOWER COVER KIT	PCE	1
.....5	40+002560+03	R14KT1-LOWER COVER-#8574-M-B1392	PCE	1
.....5	40-006040-00	N222S1-BATTERY HOOK-B3377B	PCE	1
.....5	40-011951-00	N222S1-BATTERY LATCH SPRING-D479	PCE	1
.....5	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2
.....5	50+043041+30	R14KT1-BATTERY LATCH-#8574-C3514	PCE	1
.....5	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	77-682007-10	R14KT1-#8162 UPPER COVER KIT	PCE	1
.....5	22-300037-01	SPK (R)(L) W/MICROPHONE-W/O RUBB	PCE	1
.....5	27-300051-10	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-20	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-30	P14N-GASKET TAPE-D4877A	PCE	1
.....5	29-160250-00	P02G-TPD-PCB/MB FFC-P1.0x12P-CA2	PCE	1
.....5	29-160287-01	A2121-FFC TOUCHPAD TO TOUCHPAD P	PCE	1
.....5	40+008281+00	R14KT1-UPPER COVER SPEAKER AL-FO	PCE	2
.....5	40+008321+00	R14DT1-AL FOIL FOR POWER BUTTON-	PCE	1

階　次	品　　號	品名/規格	單位	數量
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.....5	40-002243-00	P14N-SPEAKER COVER-E4017A	PCE	2
.....5	40-007050-50	A5000M-K/B SHIELDING ESD CU-FOIL	PCE	2
.....5	40-008055-00	P14N-BOSS FOIL-E4185A	PCE	1
.....5	40-008192-00	R15B-AL FOIL FOR CPU MODULE-F424	PCE	1
.....5	40-031362-00	P14N-TOUCHPAD BRACKET-B2254A	PCE	1
.....5	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	8
.....5	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	2
.....5	50+023694+00	R14KT1-UPPER COVER LENS MYLAR-F4	PCE	1
.....5	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR-E4	PCE	1
.....5	50-023263-00	P14N-SWITCH MYLAR-KL1885A	PCE	1
.....5	50-040167-00	P78-MICRO PHONE RUBBER-B4549A	PCE	1
.....5	50-968201-02	R14KT1-#8162 UPPER COVER ASS'Y-E	PCE	1
.....5	51+036331+00	R14KT1-UPPER COVER SPONGE-F44780	PCE	1
.....5	51-350094-01	CONDUCTIVE SPONGE 5X2X1000mm-KL1	PCE	0.03
.....5	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.25
.....5	73-080052-00	TOUCH PAD-FOR SOTEC-SYNAPTICS-TM	PCE	1
.....5	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	PCE	1
..2	85-000682-40	R14KT1-#8162/#8574 BASE SYSTEM-W	PCE	1
...3	63-000710-00	ALL MODEL-PRODUCT BAR CODE LABEL	PCE	32
...3	66-682090-40	R14KT1-PCB'A W/REDFOX BIOS SET	PCE	1
...3	80-8A1700-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1
....4	80-A17000-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1
...3	80-8A1710-00A	R14KT1-PCB ASS'Y-JP-COM-REV:A-W/	PCE	1
...3	86-682000-00	#8162/#8574 SYSTEM CABINET-R14KT	PCE	1
....4	29+015370+00	R14KT1-SB-USB FPC-CA370A	PCE	1
....4	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372B	PCE	1
....4	29-005070-00	P14G-HDD CABLE-CA304A	PCE	1
....4	40+003660+00	R14KT1-HEATSINK MODULE W/FAN-D30	PCE	1
....4	40+006200+00	R14KT1-CPU DOOR-#8574-M-D3081B	PCE	1

階　次	品　　號	品名/規格	單位	數量
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....4	40+006201+01	R14KT1-COMMUNICATION DOOR-#8574-	PCE	1
....4	40+006203+00	R14KT1-STAND OFF-NI+SELF-LOCKING	PCE	2
....4	40+011160+80	R14KT1-HDD DOOR-#8574-C3516F	PCE	1
....4	40+011164+60	R14KT1-CD-ROM BRACKET DOOR-#8574	PCE	1
....4	40+031364+01	P14N-HDD BRACKET-B2256B	PCE	1
....4	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	PCE	1
....4	41+420526+04	SCREW BPS/W-B3892C-M2.6X4L, ∮D6.	PCE	3
....4	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	5
....4	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	3
....4	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	13
....4	41-721026-06	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm	PCE	16
....4	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	2
....4	41-850926-08	SCREW ISOP-M2.6X8L-BLACK-SELF-LO	PCE	2
....4	44-000001-00	PROCESS MATERIALS FOR SYSTEM	PCE	1
....4	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	PCE	2
....4	50-023476-00	E12B-MYLAR FOR TOUCH PAD-KS-0025	PCE	1
....4	50-961401-T1	P14N-#8162 K/B COVER ASS'Y-E1075	PCE	1
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.03
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.02
....4	51-350094-06	CONDUCTIVE SPONGE 10X1X1000mm-KL	PCE	0.02
....4	51-350094-15	P88S-CONDUCTIVE SPONGE 10X0.5X10	PCE	0.02
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.16
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.15
....4	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	52-002264-00	P14N-K/B RUBBER-E4032C	PCE	1
....4	52-002276-00	P14N-K/B RUBBER COVER-E4075B	PCE	1
....4	77-682007-00	R14KT1-#8574 LOWER COVER KIT	PCE	1
.....5	40+002560+03	R14KT1-LOWER COVER-#8574-M-B1392	PCE	1
.....5	40-006040-00	N222S1-BATTERY HOOK-B3377B	PCE	1
.....5	40-011951-00	N222S1-BATTERY LATCH SPRING-D479	PCE	1

階　次	品　　號	品名/規格	單位	數量
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.....5	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2
.....5	50+043041+30	R14KT1-BATTERY LATCH-#8574-C3514	PCE	1
.....5	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	77-682007-10	R14KT1-#8162 UPPER COVER KIT	PCE	1
.....5	22-300037-01	SPK (R)(L) W/MICROPHONE-W/O RUBB	PCE	1
.....5	27-300051-10	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-20	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-30	P14N-GASKET TAPE-D4877A	PCE	1
.....5	29-160250-00	P02G-TPD-PCB/MB FFC-P1.0x12P-CA2	PCE	1
.....5	29-160287-01	A2121-FFC TOUCHPAD TO TOUCHPAD P	PCE	1
.....5	40+008281+00	R14KT1-UPPER COVER SPEAKER AL-FO	PCE	2
.....5	40+008321+00	R14DT1-AL FOIL FOR POWER BUTTON-	PCE	1
.....5	40-002243-00	P14N-SPEAKER COVER-E4017A	PCE	2
.....5	40-007050-50	A5000M-K/B SHIELDING ESD CU-FOIL	PCE	2
.....5	40-008055-00	P14N-BOSS FOIL-E4185A	PCE	1
.....5	40-008192-00	R15B-AL FOIL FOR CPU MODULE-F424	PCE	1
.....5	40-031362-00	P14N-TOUCHPAD BRACKET-B2254A	PCE	1
.....5	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	8
.....5	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	2
.....5	50+023694+00	R14KT1-UPPER COVER LENS MYLAR-F4	PCE	1
.....5	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR-E4	PCE	1
.....5	50-023263-00	P14N-SWITCH MYLAR-KL1885A	PCE	1
.....5	50-040167-00	P78-MICRO PHONE RUBBER-B4549A	PCE	1
.....5	50-968201-02	R14KT1-#8162 UPPER COVER ASS'Y-E	PCE	1
.....5	51+036331+00	R14KT1-UPPER COVER SPONGE-F44780	PCE	1
.....5	51-350094-01	CONDUCTIVE SPONGE 5X2X1000mm-KL1	PCE	0.03
.....5	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.25
.....5	73-080052-00	TOUCH PAD-FOR SOTEC-SYNAPTICS-TM	PCE	1
.....5	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	PCE	1

階　次	品　　號	品名/規格	單位	數量
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0.1	O-R14KT1-BAT	R14KT1-BAT	PCE	1
..2	89-682007-00	#8574/#8162 LI-ION BAT ASS'Y-PS-	PCE	1
...3	23-050270-00	BAT-LIION-3S2P-2200mAh-#8574/#81	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682007-10	#8574/#8162 LI-ION BAT ASS'Y-SMP	PCE	1
...3	23-050271-00	BAT-LIION-3S2P-2200mAh-#8574/#81	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
0.1	O-R14KT1-CPU	R14KT1-CPU	PCE	1
..2	89-665001-00	ASS'Y FOR AMD SAMPRON-3000+ 1800	PCE	1
...3	01-2001HB-M0	CPU-AMD K8 MOBILE SEMPRON 3000+-	PCE	1
...3	63-001991-00	ALL MODEL-AMD SEMPRON INSIDE STI	PCE	1
...3	63-001992-00	ALL MODEL-AMD SEMPRON OUTER CART	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-671001-07	ASS'Y AMD SEMPROM-2800+ 1600MHZ	PCE	1
...3	01-2000H9-M1	CPU-AMD K8 MOBILE SEMPRON 2800+-	PCE	1
...3	63-001991-00	ALL MODEL-AMD SEMPRON INSIDE STI	PCE	1
...3	63-001992-00	ALL MODEL-AMD SEMPRON OUTER CART	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682001-00	ASS'Y FOR AMD TURION-MT30 1600MH	PCE	1
...3	01-2006L9-M0	CPU-AMD K8 MOBILE TURION 64 MT-3	PCE	1
...3	63+070900+00	AMD CARTON STICKER-TURION 64-PID	PCE	1
...3	63+070901+00	AMD BEZEL STICKER-TURION 64-PID#	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682001-01	ASS'Y FOR AMD TURION-MT32 1800MH	PCE	1
...3	01-2005LB-M0	CPU-AMD K8 MOBILE TURION 64 MT-3	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	63+070900+00	AMD CARTON STICKER-TURION 64-PID	PCE	1
...3	63+070901+00	AMD BEZEL STICKER-TURION 64-PID#	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682001-02	ASS'Y FOR AMD TURION-MT34 1800MH	PCE	1
...3	01-2006LB-M0	CPU-AMD K8 MOBILE TURION 64 MT-3	PCE	1
...3	63+070900+00	AMD CARTON STICKER-TURION 64-PID	PCE	1
...3	63+070901+00	AMD BEZEL STICKER-TURION 64-PID#	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682001-03	ASS'Y FOR AMD SEMPRON 3100+-1800	PCE	1
...3	01-2000HB-M0	CPU-AMD K8 MOBILE SEMPRON 3100+-	PCE	1
...3	63-001991-00	ALL MODEL-AMD SEMPRON INSIDE STI	PCE	1
...3	63-001992-00	ALL MODEL-AMD SEMPRON OUTER CART	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682001-04	ASS'Y FOR AMD TURION-MT28 1600MH	PCE	1
...3	01-2005L9-M0	CPU-AMD K8 MOBILE TURION 64 MT-2	PCE	1
...3	63+070900+00	AMD CARTON STICKER-TURION 64-PID	PCE	1
...3	63+070901+00	AMD BEZEL STICKER-TURION 64-PID#	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
..2	89-682001-05	W/O CPU-AMD CPU THERMAL PAD ASS'	PCE	1
...3	27+319070+00	R14KT1-KAPTON FOR THERMAL PAD-F4	PCE	1
...3	27+330221+00	R14KT1-THERMAL PAD-AF-S-05H-05B	PCE	1
...3	60+001002+00	PE BAG 70X120mm	PCE	1
0.1	O-R14KT1-HDD	R14KT1-HDD	PCE	1
..2	86-629204-20	40GB FUJITSU HDD ASS'Y-P14S	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	70-922400-50	HDD-40GB-2.5"-9.5X100X70mm-MHT20	PCE	1
..2	86-674204-10	60GB HDD ASS'Y-FUJITSU-R15D	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	70-A22600-10	HDD-60GB-4200RPM-2.5" 9.5X100X70	PCE	1
..2	86-674204-20	80GB HDD ASS'Y-FUJITSU-R15D	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	70-B22801-00	HDD-80GB-4200RPM-MHT2080AT-FUJIT	PCE	1
0.1	O-R14KT1-KB	R14KT1-KB	PCE	1
..2	89-682003-00	US K/B ASS'Y-R14KT1	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	71+839101+00	K/B-85 KEY-EN-36599#-R14KT1-K981	PCE	1
..2	89-682003-01	FR K/B ASS'Y-R14KT1	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	71+839105+00	K/B-85 KEY-FR-36599#-R14KT1-K981	PCE	1
..2	89-682003-02	XZ K/B ASS'Y-R14KT1	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	71+839108+00	K/B-85 KEY-XZ-36599#-R14KT1-K981	PCE	1
..2	89-682003-03	XC K/B ASS'Y-R14KT1	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	71+839139+00	K/B-85 KEY-XC-36599#-R14KT1-K981	PCE	1
..2	89-682003-04	ES K/B ASS'Y-R14KT1	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	71+839109+00	K/B-85 KEY-ES-36599#-R14KT1-K981	PCE	1

階　次	品　　號	品名/規格	單位	數量
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0.1	O-R14KT1-LCD	R14KT1-LCD	PCE	1
..2	86-682D05-00	#8162/#8574 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1
...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+I0	R14KT1-LCD COVER-#8574-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-015710-00	P14S-HINGE R-F4197A	PCE	1
...3	40-015711-00	P14S-HINGE L-F4198A	PCE	1
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1
...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2
...3	50+035093+70	R14KT1-ANTENNA COVER-#8574-E4091	PCE	1
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1
...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-961401-U2	P14N-#8162 LCD PANEL W/O LOGO-E1	PCE	1
...3	51+036332+00	R14KT1-SPONGE FOR LCD PANEL-245X	PCE	1
...3	51-036080-20	P14N-LCD R SPONGE FOR QDI141-E40	PCE	1
...3	51-036084-20	P14N-LCD L SPONGE FOR QDI141-E41	PCE	1
...3	51-036085-20	P14N-LCD MIDDLE SPONGE FOR QDI14	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52-001085-H0	E14A-RUBBER PAD-PANTONE 428C-B44	PCE	2
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	2
...3	52-002271-10	E14A-PANEL SCREW RUBBER-PANTONE	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72-11423H-03	LCD-14.1"-TFT XGA-A-60mm-HYUNDAI	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1
..2	86-682D05-30	#8162/#8574 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1
...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+I0	R14KT1-LCD COVER-#8574-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-015710-00	P14S-HINGE R-F4197A	PCE	1
...3	40-015711-00	P14S-HINGE L-F4198A	PCE	1
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1
...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING ∮	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2
...3	50+035093+70	R14KT1-ANTENNA COVER-#8574-E4091	PCE	1
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-961401-U2	P14N-#8162 LCD PANEL W/O LOGO-E1	PCE	1
...3	51+036332+00	R14KT1-SPONGE FOR LCD PANEL-245X	PCE	1
...3	51-036080-20	P14N-LCD R SPONGE FOR QDI141-E40	PCE	1
...3	51-036084-20	P14N-LCD L SPONGE FOR QDI141-E41	PCE	1
...3	51-036085-20	P14N-LCD MIDDLE SPONGE FOR QDI14	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1
...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52-001085-H0	E14A-RUBBER PAD-PANTONE 428C-B44	PCE	2
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	2
...3	52-002271-10	E14A-PANEL SCREW RUBBER-PANTONE	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72+11423E+00	LCD-14.1" TFT XGA-AU-B141XG10	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1
..2	86-682D05-40	#8162/#8574 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1
...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+I0	R14KT1-LCD COVER-#8574-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-015710-00	P14S-HINGE R-F4197A	PCE	1
...3	40-015711-00	P14S-HINGE L-F4198A	PCE	1
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING §	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2
...3	50+035093+70	R14KT1-ANTENNA COVER-#8574-E4091	PCE	1
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1
...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-961401-U2	P14N-#8162 LCD PANEL W/O LOGO-E1	PCE	1
...3	51+036330+00	R14KT1-LCD PANEL LOWER SPONGE-F4	PCE	1
...3	51-036080-40	P14N-LCD R SPONGE FOR TOSHIBA-T=	PCE	1
...3	51-036084-40	P14N-LCD L SPONGE FOR TOSHIBA-T=	PCE	1
...3	51-036085-40	P14N-LCD MIDDLE SPONGE FOR TOSHI	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1
...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52+002452+00	R14KT1-RUBBER FOR LCD-HYDIS HT14	PCE	1
...3	52-001085-H0	E14A-RUBBER PAD-PANTONE 428C-B44	PCE	2
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	1
...3	52-002271-10	E14A-PANEL SCREW RUBBER-PANTONE	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72+11423H+20	LCD-14.1" TFT XGA-BOEHYDIS-HT14X	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1
..2	86-682D05-50	#8162/#8574 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+I0	R14KT1-LCD COVER-#8574-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-015710-00	P14S-HINGE R-F4197A	PCE	1
...3	40-015711-00	P14S-HINGE L-F4198A	PCE	1
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1
...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING §	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2
...3	50+035093+70	R14KT1-ANTENNA COVER-#8574-E4091	PCE	1
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1
...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-961401-V0	P14N-#8162 LCD PANEL ASS'Y-FOR H	PCE	1
...3	51+036332+00	R14KT1-SPONGE FOR LCD PANEL-245X	PCE	1
...3	51-036080-00	P14N-LCD R SPONGE FOR CHI MEI-E4	PCE	1
...3	51-036084-00	P14N-LCD L SPONGE FOR CHI MEI-E4	PCE	1
...3	51-036085-00	P14N-LCD MIDDLE SPONGE FOR CHI M	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1
...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52-001085-H0	E14A-RUBBER PAD-PANTONE 428C-B44	PCE	2
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	2

階　次	品　　號	品名/規格	單位	數量
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...3	52-002271-10	E14A-PANEL SCREW RUBBER-PANTONE	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72-114233-30HAS	LCD-14.1" TFT XGA-QDI-QD14XL07-H	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1
0.1	O-R14KT1-MEM	R14KT1-MEM	PCE	1
..2	89-641002-04	ASS'Y FOR 256MB DDR RAM-0.13 PRO	PCE	1
...3	18-060005-L0	DDR SO-DIMM-M2S5I08D6APS5F081AA-	PCE	1
...3	63-250080-01	BAR CODE LABEL 20X8X0.08mm-KL162	PCE	1
..2	89-665002-00	ASS'Y FOR 512MB DDR RAM-W/A-DATA	PCE	1
...3	18-060006-D0	DDR SDRAM SO-DIMM-ADFDB290800H-5	PCE	1
...3	63-250080-01	BAR CODE LABEL 20X8X0.08mm-KL162	PCE	1
0.1	O-R14KT1-MODEL	R14KT1-MODEL	PCE	1
..2	89-682006-00	PARTS KIT FOR GENERIC-R14KT1	PCE	1
...3	50+000531+00	R14KT1-PROTECT SHEET-FOR 14" LCD	PCE	1
...3	63+B40400+30	R14KT1-FCC RATING LABEL-EN/XT-F4	PCE	1
...3	65-003000-04	LICENSE FEE-IBM ROYALTY FOR 486D	PCE	1
..2	89-682006-01	PARTS KIT FOR T/H CHINA-R14KT1	PCE	1
...3	40+004090+D0	R15B-LCD COVER NAME PLATE-FOR TH	PCE	1
...3	40+004360+00	ALL MODEL-LCD PANEL NAME PLATE-F	PCE	1
...3	50+000531+00	R14KT1-PROTECT SHEET-FOR 14" LCD	PCE	1
...3	63+023090+B0	R14KT1-MODEL NAME LABEL TWINHEAD	PCE	1
...3	63+B40400+00	R14KT1-FCC RATING LABEL-EN/ZH/XT	PCE	1
...3	65-003000-04	LICENSE FEE-IBM ROYALTY FOR 486D	PCE	1
..2	89-682006-03	PARTS KIT FOR HASEE-R14KT1	PCE	1
...3	40+004090+T0	R14KT1-LCD COVER NAME PLATE-FOR	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	50+000531+00	R14KT1-PROTECT SHEET-FOR 14" LCD	PCE	1
...3	65-003000-04	LICENSE FEE-IBM ROYALTY FOR 486D	PCE	1
..2	89-682006-04	PARTS KIT FOR REDFOX-R14KT1	PCE	1
...3	40+004090+V0	R14KT1-LCD COVER NAME PLATE-FOR	PCE	1
...3	50+000531+00	R14KT1-PROTECT SHEET-FOR 14" LCD	PCE	1
...3	63+B40400+30	R14KT1-FCC RATING LABEL-EN/XT-F4	PCE	1
...3	65-003000-04	LICENSE FEE-IBM ROYALTY FOR 486D	PCE	1
0.1	O-R14KT1-MODEM	R14KT1-MODEM	PCE	1
..2	89-682005-36	56K MODEM ASS'Y-QCOM-R14KT1	PCE	1
...3	29+001774+00	R14KT1-MDC HARNESS-SH7740	PCE	1
...3	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	76-060009-00	MDC MODEM CARD-12mA-3.3V-39.6mW-	PCE	1
0.1	O-R14KT1-ODD	R14KT1-ODD	PCE	1
..2	89-682005-30	#8574 QSI DVD DUAL ASS'Y-W/CYBER	PCE	1
...3	70+150190+01	POWER DVD 5.0+POWER 2 GO 4.0+POW	PCE	1
...3	86-682008-20	#8574 DVD-DUAL ASS'Y-QSI-R14KT1	PCE	1
....4	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
....4	70+250009+00	DVD DUAL(CD-RW/DVD-RW/DVD+RW)-SD	PCE	1
....4	77-682008-10	R14KT1-#8574 DVD-DUAL KIT-G BAS	PCE	1
.....5	40+031680+01	R14KT1-CD-ROM BRACKET-F4310A	PCE	1
.....5	41-760520-25	SCREW ISOTT-M2X2.5L-NYLOK-B3516Z	PCE	4
.....5	50-968201-21	R14KT1-#8574 DVD-DUAL BEZEL G BA	PCE	1
..2	89-682005-31	#8574 QSI COMBO ASS'Y-W/CYBERLIN	PCE	1
...3	70+150190+01	POWER DVD 5.0+POWER 2 GO 4.0+POW	PCE	1
...3	86-682008-30	#8574 COMBO ASS'Y-QSI-R14KT1	PCE	1

階　次	品　　號	品名/規格	單位	數量
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....4	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
....4	70+210029+00	COMBO(CD-ROM/CD-RW/DVD-ROM)-GBAS	PCE	1
....4	77-682008-00	R14KT1-#8574 COMBO KIT-G BAS LIT	PCE	1
.....5	40+031680+01	R14KT1-CD-ROM BRACKET-F4310A	PCE	1
.....5	41-760520-25	SCREW ISOTT-M2X2.5L-NYLOK-B3516Z	PCE	4
.....5	50-968201-11	R14KT1-#8574 COMBO BEZEL G BAS A	PCE	1
..2	89-682005-32	GBAS COMBO KIT ASS'Y-R14KT1	PCE	1
...3	60-010002-00	PE BAG 120X200mm	PCE	1
...3	77-682008-00	R14KT1-#8574 COMBO KIT-G BAS LIT	PCE	1
....4	40+031680+01	R14KT1-CD-ROM BRACKET-F4310A	PCE	1
....4	41-760520-25	SCREW ISOTT-M2X2.5L-NYLOK-B3516Z	PCE	4
....4	50-968201-11	R14KT1-#8574 COMBO BEZEL G BAS A	PCE	1
0.1	O-R14KT1-OPT2	R14KT1-OPT2	PCE	1
..2	50-020355-00	N222S1-DUMMY CARD-C3707	PCE	1
..2	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
0.1	O-R14KT1-PACKING	R14KT1-PACKING	PCE	1
..2	87-000614-30	5 IN 1 PACKING-P14N	PCE	1
...3	60-010026-00	PE BAG 200X150 mm A4382	PCE	1
...3	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
...3	61-002152-00	P14N-5 IN 1 LOWER EPE CUSHION-C3	PCE	0.2
...3	61-002153-00	P14N-5 IN 1 UPPER EPE CUSHION-C3	PCE	0.2
...3	61-012272-00	P14N-5 IN 1 PAPER SHEET FOR BATT	PCE	0.2
...3	61-012274-00	P14N-5 IN 1 PAPER BOARD FOR SYST	PCE	0.2
...3	61-012414-40	P14S-PALLET AROUND PAPER BOARD-1	PCE .	17
...3	61-012415-20	P14S-PALLET UP DOWN PAPER BOARD-	PCE .	33
...3	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
...3	61-015090-00	E14B-PROTECT PAPER FOR SYSTEM-F4	PCE	1

階　次	品　　號	品名/規格	單位	數量
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...3	61-050112-00	OUTER CARTON FOR P79S 2 IN 1-B33	PCE	0.2
...3	61-110010-00	PALLET FOR SHARP AV-1 -KL1302C	PCE .0	166
...3	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	0.2
..2	89-682005-20	T/H-CHINA 2 IN 1 PACKING-R14KT1	PCE	1
...3	29-021060-00	E12T-TELEPHONE CORD (MODEM CABLE	PCE	1
...3	62+009380+00	QUICK START GUIDE-8 IN 1-R1.00-F	PCE	1
...3	62+079990+10	WARRENTY CARD 2005-XT-FOR CHINA-	PCE	1
...3	62-079991-00	WARRENTY LIST PAPER-XT-FOR CHINA	PCE	1
...3	62-099990-00	PASS CARD-XT-FOR CHINA-ALL TH MO	PCE	1
...3	62-099991-00	PACKING LIST-XT-FOR CHINA-ALL TH	PCE	1
...3	63+070111+00	R15D-CHINA LABEL FOR COLOR BOX	PCE	1
...3	63+070231+00	F12DT1-3C LABEL-QCOM P/N.ML3054-	PCE	1
...3	70+140870+00	UTILITY CD-R1.00-R14KT1	PCE	1
...3	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
...3	87-000682-00	2 IN 1 PACKING FOR DURABOOK-W/AC	PCE	1
....4	50-000040-00	P9+-PLASTIC HANDLE-C35280	PCE	1
....4	60-010070-00	PLASTIC BAG-35cmX25cm-FOR CD/MAN	PCE	1
....4	60-010200-00	BIG PE BAG	PCE .0	417
....4	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
....4	61+040106+C0	R14KT1-COLOR BOX -C3062E-FOR DUR	PCE	1
....4	61-000845-00	PET OPC 1206 STRAC	PCE .0	3
....4	61-002150-00	P14N-2 IN 1 L EPE CUSHION-C3532A	PCE	1
....4	61-002151-00	P14N-2 IN 1 R EPE CUSHION-C3533A	PCE	1
....4	61-009010-00	ALL MODEL-ANGLE PROTECTOR-KL1888	PCE .0	834
....4	61-012160-00	P14G-PAPER TUBE-FOR ADAPTER & PO	PCE	1
....4	61-012261-00	P11-PAPER BOARD FOR EX-FDD-E4081	PCE	1
....4	61-012271-00	P14N-PAPER SHEET-FOR MOUSE & CAB	PCE	1
....4	61-012414-F0	P14S-PALLET AROUND PAPER BOARD-8	PCE .0	417
....4	61-012415-50	P14S-PALLET UP DOWN PAPER BOARD-	PCE .0	834

階　次	品　　號	品名/規格	單位	數量
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....4	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
....4	61-030330-00	A9110-INSIDE BOX FOR W/ACCESSORY	PCE	1
....4	61-050136-00	A9110-2/1 CARTON W/ACCESSORY BO	PCE	0.5
....4	61-097608-00	ANGLE PROTECTOR 76X76X800mm-KL14	PCE .0	834
....4	61-097615-00	ANGLE PROTECTOR 76X76X1040mm-KL1	PCE .	167
....4	61-110024-10	ALL MODEL-PALLET FOR T/H MODEL-W	PCE .0	417
....4	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	1.5
..2	89-682005-21	T/H-ABEC 2 IN 1 PACKING-R14KT1	PCE	1
...3	29-021060-00	E12T-TELEPHONE CORD (MODEM CABLE	PCE	1
...3	62+009380+00	QUICK START GUIDE-8 IN 1-R1.00-F	PCE	1
...3	70+140870+00	UTILITY CD-R1.00-R14KT1	PCE	1
...3	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
...3	87-000682-00	2 IN 1 PACKING FOR DURABOOK-W/AC	PCE	1
....4	50-000040-00	P9+-PLASTIC HANDLE-C35280	PCE	1
....4	60-010070-00	PLASTIC BAG-35cmX25cm-FOR CD/MAN	PCE	1
....4	60-010200-00	BIG PE BAG	PCE .0	417
....4	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
....4	61+040106+C0	R14KT1-COLOR BOX -C3062E-FOR DUR	PCE	1
....4	61-000845-00	PET OPC 1206 STRAC	PCE .0	3
....4	61-002150-00	P14N-2 IN 1 L EPE CUSHION-C3532A	PCE	1
....4	61-002151-00	P14N-2 IN 1 R EPE CUSHION-C3533A	PCE	1
....4	61-009010-00	ALL MODEL-ANGLE PROTECTOR-KL1888	PCE .0	834
....4	61-012160-00	P14G-PAPER TUBE-FOR ADAPTER & PO	PCE	1
....4	61-012261-00	P11-PAPER BOARD FOR EX-FDD-E4081	PCE	1
....4	61-012271-00	P14N-PAPER SHEET-FOR MOUSE & CAB	PCE	1
....4	61-012414-F0	P14S-PALLET AROUND PAPER BOARD-8	PCE .0	417
....4	61-012415-50	P14S-PALLET UP DOWN PAPER BOARD-	PCE .0	834
....4	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
....4	61-030330-00	A9110-INSIDE BOX FOR W/ACCESSORY	PCE	1

階　次	品　　號	品名/規格	單位	數量
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....4	61-050136-00	A9110-2/1 CARTON W/ACCESSORY BO	PCE	0.5
....4	61-097608-00	ANGLE PROTECTOR 76X76X800mm-KL14	PCE .0	834
....4	61-097615-00	ANGLE PROTECTOR 76X76X1040mm-KL1	PCE .	167
....4	61-110024-10	ALL MODEL-PALLET FOR T/H MODEL-W	PCE .0	417
....4	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	1.5
..2	89-682005-22	5 IN 1 PACKING FOR HASEE-R14KT1	PCE	1
...3	27+319070+00	R14KT1-KAPTON FOR THERMAL PAD-F4	PCE	1
...3	27+330221+00	R14KT1-THERMAL PAD-AF-S-05H-05B	PCE	1
...3	29-021060-00	E12T-TELEPHONE CORD (MODEM CABLE	PCE	1
...3	60-010001-00	PE BAG 70X120mm	PCE	1
...3	63+070231+00	F12DT1-3C LABEL-QCOM P/N.ML3054-	PCE	1
...3	70+140870+00	UTILITY CD-R1.00-R14KT1	PCE	1
...3	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
...3	87-000614-70	5 IN 1 PACKING FOR INSIDE BOX-P1	PCE	1
....4	60-010065-00	PE BAG FOR P79 PORT REPLICAT	PCE	1
....4	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
....4	61-000845-00	PET OPC 1206 STRAC	PCE .0	19
....4	61-002170-00	N222S8-5 IN 1 EPE CUSHION-FOR IN	PCE	0.4
....4	61-007080-00	P14N-PAPER CUSHION FOR INSIDE BO	PCE	1
....4	61-012273-00	P14N-PAPER BOARD FOR INSIDE BOX-	PCE	1
....4	61-012412-00	D212A-5 IN 1 PAPER SHEET-E4734-F	PCE	0.2
....4	61-012413-00	D212A-5 IN 1 PAPER TUBE-E47970-F	PCE	0.4
....4	61-012414-80	E14A-PALLET AROUND PAPER BOARD-1	PCE .0	167
....4	61-012415-10	E14A-PALLET UP DOWN PAPER BOARD-	PCE .0	167
....4	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
....4	61-015090-00	E14B-PROTECT PAPER FOR SYSTEM-F4	PCE	1
....4	61-030040-00	INSIDE BOX FOR SLE-A2333A	PCE	1
....4	61-050135-00	A9110-2/1 CARTON W/CARRY BAG-A26	PCE	0.2
....4	61-097608-00	ANGLE PROTECTOR 76X76X800mm-KL14	PCE .0	334

階　次	品　　號	品名/規格	單位	數量
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....4	61-097615-00	ANGLE PROTECTOR 76X76X1040mm-KL1	PCE .0	334
....4	61-110010-00	PALLET FOR SHARP AV-1 -KL1302C	PCE .0	167
....4	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	0.2
..2	89-682005-23	2 IN 1 PACKING FOR REDFOX-R14KT1	PCE	1
...3	29-021060-00	E12T-TELEPHONE CORD (MODEM CABLE	PCE	1
...3	70+140870+01	UTILITY CD-R1.01-W/USER MANUAL-R	PCE	1
...3	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
...3	87-000682-20	2 IN 1 PACKING FOR REDFOX-W/ACCE	PCE	1
....4	50-000040-00	P9+-PLASTIC HANDLE-C35280	PCE	1
....4	60-010070-00	PLASTIC BAG-35cmX25cm-FOR CD/MAN	PCE	1
....4	60-010200-00	BIG PE BAG	PCE .0	417
....4	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
....4	61+040106+D0	R14KT1-COLOR BOX -C3062-FOR REDF	PCE	1
....4	61-000845-00	PET OPC 1206 STRAC	PCE .0	3
....4	61-002150-00	P14N-2 IN 1 L EPE CUSHION-C3532A	PCE	1
....4	61-002151-00	P14N-2 IN 1 R EPE CUSHION-C3533A	PCE	1
....4	61-009010-00	ALL MODEL-ANGLE PROTECTOR-KL1888	PCE .0	834
....4	61-012160-00	P14G-PAPER TUBE-FOR ADAPTER & PO	PCE	1
....4	61-012261-00	P11-PAPER BOARD FOR EX-FDD-E4081	PCE	1
....4	61-012271-00	P14N-PAPER SHEET-FOR MOUSE & CAB	PCE	1
....4	61-012414-F0	P14S-PALLET AROUND PAPER BOARD-8	PCE .0	417
....4	61-012415-50	P14S-PALLET UP DOWN PAPER BOARD-	PCE .0	834
....4	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
....4	61-030330-00	A9110-INSIDE BOX FOR W/ACCESSORY	PCE	1
....4	61-050136-00	A9110-2/1 CARTON W/ACCESSORY BO	PCE	0.5
....4	61-097608-00	ANGLE PROTECTOR 76X76X800mm-KL14	PCE .0	834
....4	61-097615-00	ANGLE PROTECTOR 76X76X1040mm-KL1	PCE　.	167
....4	61-110024-10	ALL MODEL-PALLET FOR T/H MODEL-W	PCE .0	417
....4	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	1.5

階　次	品　　號	品名/規格	單位	數量
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..2	89-682005-24	2 IN 1 PACKING-W/ACCESSORY BOX-F	PCE	1
...3	29-021060-00	E12T-TELEPHONE CORD (MODEM CABLE	PCE	1
...3	70+140870+01	UTILITY CD-R1.01-W/USER MANUAL-R	PCE	1
...3	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
...3	87-000682-30	2 IN 1 PACKING FOR GENERIC-W/ACC	PCE	1
....4	50-000040-00	P9+-PLASTIC HANDLE-C35280	PCE	1
....4	60-010070-00	PLASTIC BAG-35cmX25cm-FOR CD/MAN	PCE	1
....4	60-010200-00	BIG PE BAG	PCE .0	417
....4	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
....4	61+040106+F0	R14KT1-COLOR BOX-C3062-FOR GENER	PCE	1
....4	61-000845-00	PET OPC 1206 STRAC	PCE .0	3
....4	61-002150-00	P14N-2 IN 1 L EPE CUSHION-C3532A	PCE	1
....4	61-002151-00	P14N-2 IN 1 R EPE CUSHION-C3533A	PCE	1
....4	61-009010-00	ALL MODEL-ANGLE PROTECTOR-KL1888	PCE .0	834
....4	61-012160-00	P14G-PAPER TUBE-FOR ADAPTER & PO	PCE	1
....4	61-012261-00	P11-PAPER BOARD FOR EX-FDD-E4081	PCE	1
....4	61-012271-00	P14N-PAPER SHEET-FOR MOUSE & CAB	PCE	1
....4	61-012414-F0	P14S-PALLET AROUND PAPER BOARD-8	PCE .0	417
....4	61-012415-50	P14S-PALLET UP DOWN PAPER BOARD-	PCE .0	834
....4	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
....4	61-030330-00	A9110-INSIDE BOX FOR W/ACCESSORY	PCE	1
....4	61-050136-00	A9110-2/1 CARTON W/ACCESSORY BO	PCE	0.5
....4	61-097608-00	ANGLE PROTECTOR 76X76X800mm-KL14	PCE .0	834
....4	61-097615-00	ANGLE PROTECTOR 76X76X1040mm-KL1	PCE .	167
....4	61-110024-10	ALL MODEL-PALLET FOR T/H MODEL-W	PCE .0	417
....4	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	1.5
0.1	O-R14KT1-POWERCO	R14KT1-POWER CORD	PCE	1
..2	29-020181-10	N222S1-POWER CORD FOR US/PL/C-SP	PCE	1

階　次	品　　號	品名/規格	單位	數量
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..2	29-020183-11	ALL MODEL-POWER CORD FOR GR/FR/H	PCE	1
..2	29-020183-12	N222S1-POWER CORD FOR RU-H05VV-F	PCE	1
..2	29-020183-20	ALL MODEL-POWER CORD FOR KR-SP-0	PCE	1
..2	29-020184-10	N222S1-POWER CORD FOR AUSTRALIA-	PCE	1
..2	29-020185-20	9000,5000,2000,1000,N222S1-POWER	PCE	1
..2	29-020186-10	N222S1,N222S8-POWER CORD FOR CHI	PCE	1
0.1	O-R14KT1-WIRELES	R14KT1-WIRELESS	PCE	1
..2	89-682005-50	ASS'Y FOR WLAN-MSI IEEE802.11BG-	PCE	1
...3	52-003091-00	P22T-RUBBER FOR WIRELESS-E4550A	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	76-070029-10	WLAN MODULE MINI PCI-3.3V-802.11	PCE	1
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階 次	品 號	品名/規格	單位	數量
0	M-R14KT2	R14KT2 MODEL	SET	1
0.1	O-R14KT2-BASE	R14KT2-BASE	PCE	1
..2	85-000704-00	R14KT2-#8017/#8888 BASE SYSTEM-W	PCE	1
...3	63-000710-00	ALL MODEL-PRODUCT BAR CODE LABEL	PCE	32
...3	66-704090-00	R14KT2-PCB'A W/EXPRESSION BIOS S	PCE	1
...3	80-8A1700-00B	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV	PCE	1
...3	80-8A1710-00A	R14KT1-PCB ASS'Y-JP-COM-REV:A-W/	PCE	1
...3	86-704000-00	#8017/#8888 SYSTEM CANINET-R14KT	PCE	1
....4	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372B	PCE	1
....4	29-005070-00	P14G-HDD CABLE-CA304A	PCE	1
....4	29-015370-00	R14KT1-SB-USB FPC-CA370A	PCE	1
....4	40+003660+00	R14KT1-HEATSINK MODULE W/FAN-D30	PCE	1
....4	40+006200+10	R14KT2-CPU DOOR-#8017-M-D3081B	PCE	1
....4	40+006201+11	R14DT2-COMMUNICATION DOOR-#8017-	PCE	1
....4	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	PCE	1
....4	40-010954-00	M1G,M1L-STAND OFF 4#-40 UNC W/NY	PCE	2
....4	40-011160-11	P14ND-HDD DOOR-C3516F	PCE	1
....4	40-011164-00	P14N-CD-ROM BRACKET DOOR-E4025D	PCE	1
....4	40-031364-00	P14N-HDD BRACKET-B2256B	PCE	1
....4	41+420526+04	SCREW BPS/W-B3892C-M2.6X4L,∮D6.	PCE	3
....4	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	5
....4	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	3
....4	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	13
....4	41-721026-06	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm	PCE	16
....4	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING∮	PCE	2
....4	41-850926-08	SCREW ISOP-M2.6X8L-BLACK-SELF-LO	PCE	2
....4	44-000001-00	PROCESS MATERIALS FOR SYSTEM	PCE	1
.....5	27-309090-00	ALL MODEL-INSULATING TAPE-10mmX6	PCE	0.01
.....5	27-309091-00	ALL MODEL-INSULATING TAPE-20mmX6	PCE	0.001

階 次	品 號	品名/規格	單位	數量
.....5	27-319060-00	ALL MODEL-KAPTON-10mmX33m,T=0.06	PCE	0.002
.....5	27-319062-00	ALL MODEL-KAPTON-19mmX33m,T=0.06	PCE	0.001
.....5	61-015000-00	PROTECTION SHEET FOR LCD-36CM*50	PCE	0.0009
....4	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	PCE	2
....4	50-961401-11	P14N-KEYBOARD COVER ASS'Y-E1075-	PCE	1
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.03
....4	51-035010-10	N100T1-EMI GASKET 773GT-10X4X100	PCE	0.02
....4	51-350094-06	CONDUCTIVE SPONGE 10X1X1000mm-KL	PCE	0.02
....4	51-350094-15	P88S-CONDUCTIVE SPONGE 10X0.5X10	PCE	0.02
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.16
....4	51-350094-16	P93S-CONDUCTIOVE SPONGE 10X2X100	PCE	0.015
....4	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	52-002264-00	P14N-K/B RUBBER-E4032C	PCE	1
....4	52-002276-00	P14N-K/B RUBBER COVER-E4075B	PCE	1
....4	77-704007-00	R14KT2-#8017-M LOWER COVER KIT	PCE	1
.....5	40+002560+13	R14KT2-LOWER COVER-#8017-M-B1392	PCE	1
.....5	40-006040-00	N222S1-BATTERY HOOK-B3377B	PCE	1
.....5	40-011951-00	N222S1-BATTERY LATCH SPRING-D479	PCE	1
.....5	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2
.....5	50-043041-00	P14N-BATTERY LATCH-C3514C	PCE	1
.....5	52-000040-00	A2121-FOOT RUBBER-D4926A	PCE	2
....4	77-704007-10	R14KT2-#8888 UPPER COVER KIT	PCE	1
.....5	22-300037-01	SPK (R)(L) W/MICROPHONE-W/O RUBB	PCE	1
.....5	27-300051-10	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-20	N222S1-GASKET TAPE-D4877A	PCE	3
.....5	27-300051-30	P14N-GASKET TAPE-D4877A	PCE	1
.....5	29-160250-00	P02G-TPD-PCB/MB FFC-P1.0x12P-CA2	PCE	1
.....5	29-160287-01	A2121-FFC TOUCHPAD TO TOUCHPAD P	PCE	1
.....5	40+008281+00	R14KT1-UPPER COVER SPEAKER AL-FO	PCE	2
.....5	40-002243-00	P14N-SPEAKER COVER-E4017A	PCE	2

階 次	品 號	品名/規格	單位	數量
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.....5	40-007050-50	A5000M-K/B SHIELDING ESD CU-FOIL	PCE	2
.....5	40-008055-00	P14N-BOSS FOIL-E4185A	PCE	1
.....5	40-008192-00	R15B-AL FOIL FOR CPU MODULE-F424	PCE	1
.....5	40-031362-00	P14N-TOUCHPAD BRACKET-B2254A	PCE	1
.....5	41-720026-03	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm	PCE	8
.....5	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	2
.....5	50+023694+00	R14KT1-UPPER COVER LENS MYLAR-F4	PCE	1
.....5	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR-E4	PCE	1
.....5	50-023263-00	P14N-SWITCH MYLAR-KL1885A	PCE	1
.....5	50-040167-00	P78-MICRO PHONE RUBBER-B4549A	PCE	1
.....5	50-970301-00	R14DT2-#8888 UPPER COVER ASS'Y-E	PCE	1
.....5	51+036331+00	R14KT1-UPPER COVER SPONGE-F44780	PCE	1
.....5	51-350094-01	CONDUCTIVE SPONGE 5X2X1000mm-KL1	PCE	0.03
.....5	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.025
.....5	73-080050-00	TOUCH PAD-GREEN-SYNAPTICS-TM41PD	PCE	1
.....5	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	PCE	1
0.1	O-R14KT2-BAT	R14KT2-BAT	PCE	1
..2	86-635103-20	#8017 LI-ION BATTERY ASS'Y-PS 9	PCE	1
...3	23-050133-01	BATTERY-LI-ION-3S3P-73.3W-2200mA	PCE	1
...3	60-012002-00	ANTI-STATIC BAG 110*290	PCE	1
...3	63+B40103+M1	R15GN-BATTERY LABEL 9 CELL-D4822	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
0.1	O-R14KT2-CPU	R14KT2-CPU	PCE	1
..2	89-682001-00	ASS'Y FOR AMD TURION-MT30 1600MH	PCE	1
...3	01-2006L9-M0	CPU-AMD K8 MOBILE TURION 64 MT-3	PCE	1
...3	63+070900+00	AMD CARTON STICKER-TURION 64-PID	PCE	1
...3	63+070901+00	AMD BEZEL STICKER-TURION 64-PID#	PCE	1

階 次	品 號	品名/規格	單位	數量
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...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
0.1	O-R14KT2-HDD	R14KT2-HDD	PCE	1
..2	86-674204-10	60GB HDD ASS'Y-FUJITSU-R15D	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	70-A22600-10	HDD-60GB-4200RPM-2.5" 9.5X100X70	PCE	1
0.1	O-R14KT2-KB	R14KT2-KB	PCE	1
..2	89-703003-00	EN K/B ASS'Y-R14DT2	PCE	1
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	71+846101+00	K/B-85 KEY-EN-4654#-R14DT2-K9818	PCE	1
0.1	O-R14KT2-LCD	R14KT2-LCD	PCE	1
..2	86-704D05-00	#8017/#8888 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1
...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+93	P14N-LCD COVER FOR ID3-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40+015710+00	P14S-HINGE R-F4197A	PCE	1
...3	40+015711+00	P14S-HINGE L-F4198A	PCE	1
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1
...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING∮	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2

階 次	品　號	品名/規格	單位	數量
======	================	====================================	====	=======
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-020385-A0	P88TR-RUBBER PAD-B4405O	PCE	2
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-035093-00	P14N-ANTENNA COVER-E4091D	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1
...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-970301-10	R14DT2-#8888 LCD PANEL ASS'Y-E11	PCE	1
...3	51+036332+00	R14KT1-SPONGE FOR LCD PANEL-245X	PCE	1
...3	51-036080-20	P14N-LCD R SPONGE FOR QDI141-E40	PCE	1
...3	51-036084-20	P14N-LCD L SPONGE FOR QDI141-E41	PCE	1
...3	51-036085-20	P14N-LCD MIDDLE SPONGE FOR QDI14	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1
...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	2
...3	52-002271-00	P14N-PANEL SCREW RUBBER-E4039A	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72-11423H-03	LCD-14.1"-TFT XGA-A-60mm-HYUNDAI	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1
..2	86-704D05-20	#8017/#8888 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1
...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+93	P14N-LCD COVER FOR ID3-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40+015710+00	P14S-HINGE R-F4197A	PCE	1

階 次	品 號	品名/規格	單位	數量
...3	40+015711+00	P14S-HINGE L-F4198A	PCE	1
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1
...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING∮	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-020385-A0	P88TR-RUBBER PAD-B4405O	PCE	2
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-035093-00	P14N-ANTENNA COVER-E4091D	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1
...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-970301-10	R14DT2-#8888 LCD PANEL ASS'Y-E11	PCE	1
...3	51+036330+00	R14KT1-LCD PANEL LOWER SPONGE-F4	PCE	1
...3	51-036080-40	P14N-LCD R SPONGE FOR TOSHIBA-T=	PCE	1
...3	51-036084-40	P14N-LCD L SPONGE FOR TOSHIBA-T=	PCE	1
...3	51-036085-40	P14N-LCD MIDDLE SPONGE FOR TOSHI	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1
...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52+002452+00	R14KT1-RUBBER FOR LCD-HYDIS HT14	PCE	1
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	1
...3	52-002271-00	P14N-PANEL SCREW RUBBER-E4039A	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72+11423H+20	LCD-14.1" TFT XGA-BOEHYDIS-HT14X	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1

階　次	品　　號	品名/規格	單位	數量
======	=================	====================================	====	=======
..2	86-704D05-30	#8017/#8888 DISPLAY ASS'Y-14.1"	PCE	1
...3	22-600170-00	ANTENNA FOR LCD & 802.11A/B/G-F4	PCE	1
...3	22-600171-00	ANTENNA FOR BASE(802.11ABG)-F431	PCE	1
...3	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076A-	PCE	1
...3	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-H	PCE	1
...3	40+002241+93	P14N-LCD COVER FOR ID3-B1192G	PCE	1
...3	40+008280+00	R14KT1-LCD PANEL AL-FOIL-F44440	PCE	2
...3	40+015710+00	P14S-HINGE R-F4197A	PCE	1
...3	40+015711+00	P14S-HINGE L-F4198A	PCE	1
...3	40-008050-00	P14N-LCD AL FOIL-E4109A	PCE	4
...3	40-011131-00	P90E-BATTERY LATCH SPRING-C4686A	PCE	2
...3	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIB	PCE	1
...3	40-030641-00	P14S-LCD BRACKET-MG L FOR TOSHIB	PCE	1
...3	41-720926-04	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4	PCE	4
...3	41-721520-03	SCREW ISOT-M2X3L-SELF-LOCKING∮	PCE	4
...3	41-721526-05	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK	PCE	2
...3	50-000360-00	R14S-LCD DUMMY LENS PLATE-E4823A	PCE	1
...3	50-020385-A0	P88TR-RUBBER PAD-B4405O	PCE	2
...3	50-025030-00	P14N-LCD LENS-E4009A	PCE	1
...3	50-035093-00	P14N-ANTENNA COVER-E4091D	PCE	1
...3	50-041011-11	P14N-LCD HOOK R-POM-E4007E	PCE	1
...3	50-041012-11	P14N-LCD HOOK L-POM-E4008E	PCE	1
...3	50-970301-10	R14DT2-#8888 LCD PANEL ASS'Y-E11	PCE	1
...3	51+036332+00	R14KT1-SPONGE FOR LCD PANEL-245X	PCE	1
...3	51-036080-20	P14N-LCD R SPONGE FOR QDI141-E40	PCE	1
...3	51-036084-20	P14N-LCD L SPONGE FOR QDI141-E41	PCE	1
...3	51-036085-20	P14N-LCD MIDDLE SPONGE FOR QDI14	PCE	1
...3	51-350094-05	CONDUCTIVE SPONGE 9X3.5X1000mm-K	PCE	0.12
...3	52+002450+00	R14KT1-HYDIS LCD RUBBER-L-F44420	PCE	1

階 次	品 號	品名/規格	單位	數量
======	================	===================================	====	=======
...3	52+002451+00	R14KT1-HYDIS LCD RUBBER-R-F44430	PCE	1
...3	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E4665A	PCE	1
...3	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E4664A	PCE	1
...3	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT	PCE	2
...3	52-002271-00	P14N-PANEL SCREW RUBBER-E4039A	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	2
...3	72+11423E+10	LCD-14.1" TFT XGA-AU-B141XG09 V3	PCE	1
...3	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R	PCE	1
0.1	O-R14KT2-MEM	R14KT2-MEM	PCE	1
..2	89-665002-00	ASS'Y FOR 512MB DDR RAM-W/A-DATA	PCE	1
...3	18-060006-D0	DDR SDRAM SO-DIMM-ADFDB290800H-5	PCE	1
...3	63-250080-01	BAR CODE LABEL 20X8X0.08mm-KL162	PCE	1
..2	89-674002-02	ASS'Y FOR 512MB DDR RAM-TWINMOS-	PCE	1
...3	18-060006-C0	DDR SO-DIMM-M2S5J08D1AHX5F1611C-	PCE	1
...3	63-250080-01	BAR CODE LABEL 20X8X0.08mm-KL162	PCE	1
0.1	O-R14KT2-MODEL	R14KT2-MODEL	PCE	1
..2	89-704006-00	PARTS KIT FOR EXPRESSION-R14KT2	PCE	1
...3	40+004090+W0	R14KT1-LCD COVER NAME PLATE-FOR	PCE	1
...3	50+000531+00	R14KT1-PROTECT SHEET-FOR 14" LCD	PCE	1
...3	63+B40400+30	R14KT1-FCC RATING LABEL-EN/XT-F4	PCE	1
...3	65-003000-04	LICENSE FEE-IBM ROYALTY FOR 486D	PCE	1
0.1	O-R14KT2-MODEM	R14KT2-MODEM	PCE	1
..2	89-682005-36	56K MODEM ASS'Y-QCOM-R14KT1	PCE	1
...3	29+001774+00	R14KT1-MDC HARNESS-SH7740	PCE	1
...3	41-420520-03	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-	PCE	2

階　次	品　　號	品名/規格	單位	數量
======	================	===================================	====	=======
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	76-060009-00	MDC MODEM CARD-12mA-3.3V-39.6mW-	PCE	1
0.1	O-R14KT2-ODD	R14KT2-ODD	PCE	1
..2	89-704005-30	#8017 COMBO ASS'Y-QSI-W/CYBERLIN	PCE	1
...3	70+150190+01	POWER DVD 5.0+POWER 2 GO 4.0+POW	PCE	1
...3	86-704008-20	#8017 COMBO ASS'Y-QSI-R14KT2	PCE	1
....4	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
....4	70+210029+00	COMBO(CD-ROM/CD-RW/DVD-ROM)-GBAS	PCE	1
....4	77-674008-20	R15D-#8017 COMBO KIT G BAS	PCE	1
.....5	40+031680+01	R14KT1-CD-ROM BRACKET-F4310A	PCE	1
.....5	41-760520-25	SCREW ISOTT-M2X2.5L-NYLOK-B3516Z	PCE	4
.....5	50-967401-21	R15D-#8017 COMBO BEZEL G BAS ASS	PCE	1
..2	89-704005-31	#8017 DVD DUAL ASS'Y-QSI-W/CYBER	PCE	1
...3	70+150190+01	POWER DVD 5.0+POWER 2 GO 4.0+POW	PCE	1
...3	86-704008-30	#8017 DVD DUAL ASS'Y-QSI-R14KT2	PCE	1
....4	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
....4	70+250009+00	DVD DUAL(CD-RW/DVD-RW/DVD+RW)-SD	PCE	1
....4	77-674008-30	R15D-#8017 DVD DUAL KIT-G BAS	PCE	1
.....5	40+031680+01	R14KT1-CD-ROM BRACKET-F4310A	PCE	1
.....5	41-760520-25	SCREW ISOTT-M2X2.5L-NYLOK-B3516Z	PCE	4
.....5	50-967401-31	R15D-#8017 DVD-DUAL BEZEL G BAS	PCE	1
0.1	O-R14KT2-OPT2	R14KT2-OPT2	PCE	1
..2	50-020355-00	N222S1-DUMMY CARD-C3707	PCE	1
0.1	O-R14KT2-PACKING	R14KT2-PACKING	PCE	1
..2	89-704005-20	2 IN 1 PACKING FOR EXPRESSION-R1	PCE	1

階　次	品　　號	品名/規格	單位	數量
======	================	====================================	====	=======
...3	29-021060-00	E12T-TELEPHONE CORD (MODEM CABLE	PCE	1
...3	62+030610+00	USER'S MANUAL-EN-R1.0-R14KT1	PCE	1
...3	70+140870+01	UTILITY CD-R1.01-W/USER MANUAL-R	PCE	1
...3	76-010604-00	ADAPTER-20V-65W-BLACK-3PIN-LISHI	PCE	1
...3	87-000704-00	2 IN 1 PACKING FOR EXPRESSION-W/	PCE	1
....4	50-000040-00	P9+-PLASTIC HANDLE-C35280	PCE	1
....4	60-010070-00	PLASTIC BAG-35cmX25cm-FOR CD/MAN	PCE	1
....4	60-010200-00	BIG PE BAG	PCE	0.0417
....4	60-012001-00	PE BAG W/ARTWORK 360*380	PCE	1
....4	61+040106+E0	R14KT2-COLOR BOX-C3062-FOR EXPRE	PCE	1
....4	61-000845-00	PET OPC 1206 STRAC	PCE	0.0003
....4	61-002150-00	P14N-2 IN 1 L EPE CUSHION-C3532A	PCE	1
....4	61-002151-00	P14N-2 IN 1 R EPE CUSHION-C3533A	PCE	1
....4	61-009010-00	ALL MODEL-ANGLE PROTECTOR-KL1888	PCE	0.0834
....4	61-012160-00	P14G-PAPER TUBE-FOR ADAPTER & PO	PCE	1
....4	61-012261-00	P11-PAPER BOARD FOR EX-FDD-E4081	PCE	1
....4	61-012271-00	P14N-PAPER SHEET-FOR MOUSE & CAB	PCE	1
....4	61-012414-F0	P14S-PALLET AROUND PAPER BOARD-8	PCE	0.0417
....4	61-012415-50	P14S-PALLET UP DOWN PAPER BOARD-	PCE	0.0834
....4	61-015040-00	A5010-PROTECT PAPER-D44770	PCE	1
....4	61-030330-00	A9110-INSIDE BOX FOR W/ACCESSORY	PCE	1
....4	61-050136-00	A9110-2/1 CARTON W/ACCESSORY BO	PCE	0.5
....4	61-097608-00	ANGLE PROTECTOR 76X76X800mm-KL14	PCE	0.0834
....4	61-097615-00	ANGLE PROTECTOR 76X76X1040mm-KL1	PCE	0.167
....4	61-110024-10	ALL MODEL-PALLET FOR T/H MODEL-W	PCE	0.0417
....4	63-001132-00	PACKING LABEL 100X150mm-C4219A	PCE	1.5

0.1	O-R14KT2-POWERCO	R14KT2-POWER CORD	PCE	1
..2	29-020181-10	N222S1-POWER CORD FOR US/PL/C-SP	PCE	1
..2	29-020185-20	9000,5000,2000,1000,N222S1-POWER	PCE	1

階 次	品 號	品名/規格	單位	數量
======	================	==================================	====	=======
0.1	O-R14KT2-WIRELES	R14KT2-WIRELESS	PCE	1
..2	89-682005-50	ASS'Y FOR WLAN-MSI IEEE802.11BG-	PCE	1
...3	52-003091-00	P22T-RUBBER FOR WIRELESS-E4550A	PCE	2
...3	63-250190-00	KEY PARTS BARCODE LABEL-KL18260	PCE	1
...3	76-070029-10	WLAN MODULE MINI PCI-3.3V-802.11	PCE	1
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R14KT 14.1" LCD Assembly SOP		**DOCUMENT CODE:TESOP658**	
		REVISION: 0	
		RELEASE DATE:	
		PAGE: 13 (total 14 pages)	
DESCRIPTION	**PREPARED BY**	**CONCURRED BY**	**APPROVED BY**
1. NEW RELEASE	PE: Li, Shin 2005.07.25	Manufacturing: QC:	

Twinhead International (Kunshan) CO.,LTD

R14KT 14.1" LCD Assembly SOP

Document NO: TESOP658

R14KT 14.1" LCD Assembly SOP Table of Contents/Manpower Breakdown:	
1. SOP Table of Contents	P.01
2. Body Assembly Material List/Operation Manual/Drawing.	P.02~P.13
(Operator: 13 persons, including testers)	
3. Tools used: Electrical Screwdriver and tape stand.	
This SOP applies to the pre-assembly work of Hyundai AU LCD for R14KT model.	

Page and Version List: REV: 0

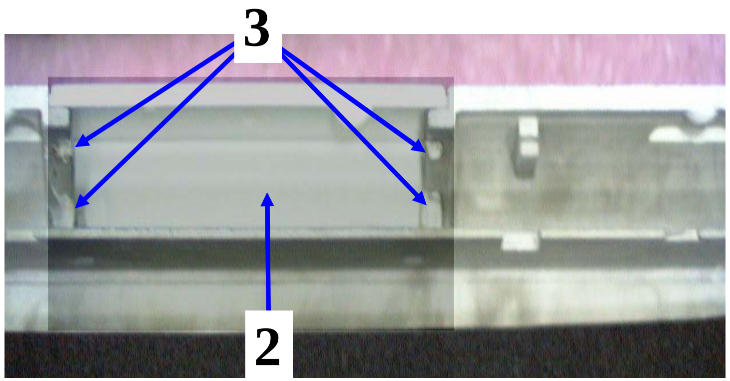
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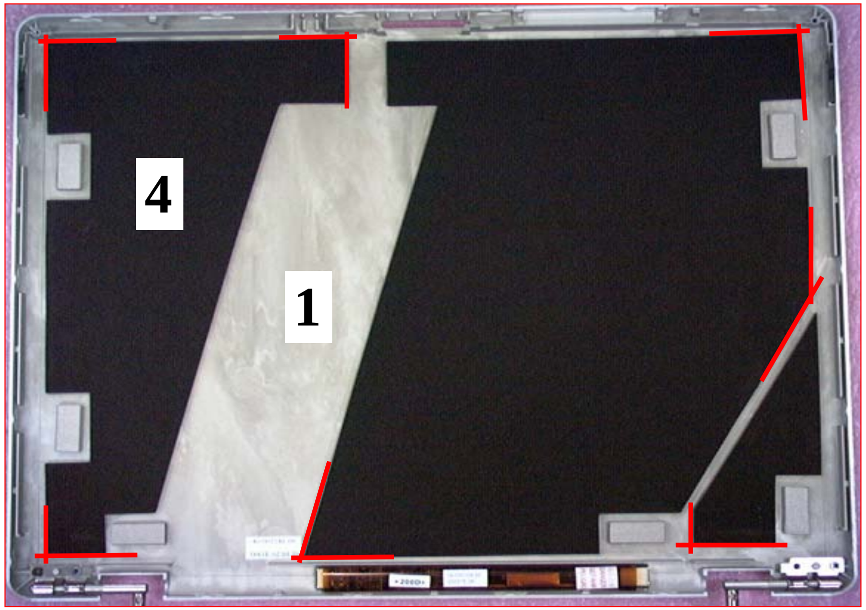
Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-1	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration





Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P14N-LCD COVER FOR ID3-B1192E R14KT1-LCD COVER-#8750-B1192	40-002241-90 40+002241+I0	1	The appearance shall have no scratches or stain defect.	NA	NA
	2	R14KT1-ANTENNA COVER-#8750-E4091	50+035093+70	1	Assembly the antenna cover on the LCD Cover, and four protrusions must be fully mounted.	NA	NA
	3	NA	NA	4	Melt four ribs with a soldering iron on the LCD. Cover thoroughly and bond tightly.	NA	Flat-head solder iron.
AU B141XG10 HYUNDAI LCD (HT14X19-100)	4	P14N-LCD L SPONGE FOR QDI141-(2.3mm thick)	51-036084-20	1	After stripping the self-glue paper from the backside of the sponge, cut along the mark of the base plate and then stick the sponge squarely as per the red line shown in the figure above.	NA	NA

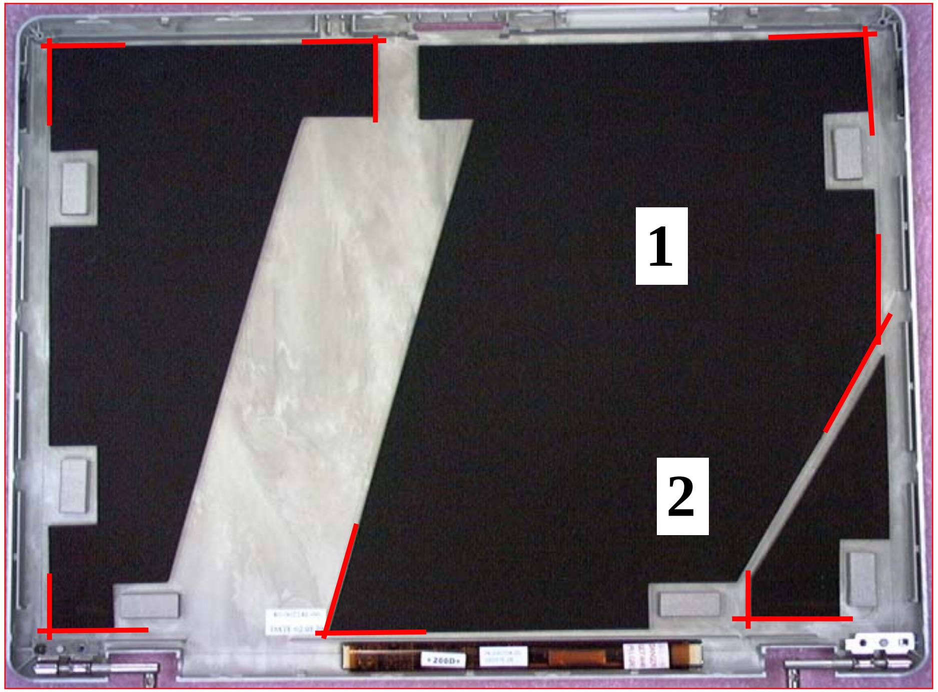
Twinhead International (Kunshan) CO.,LTD

Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-2	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration



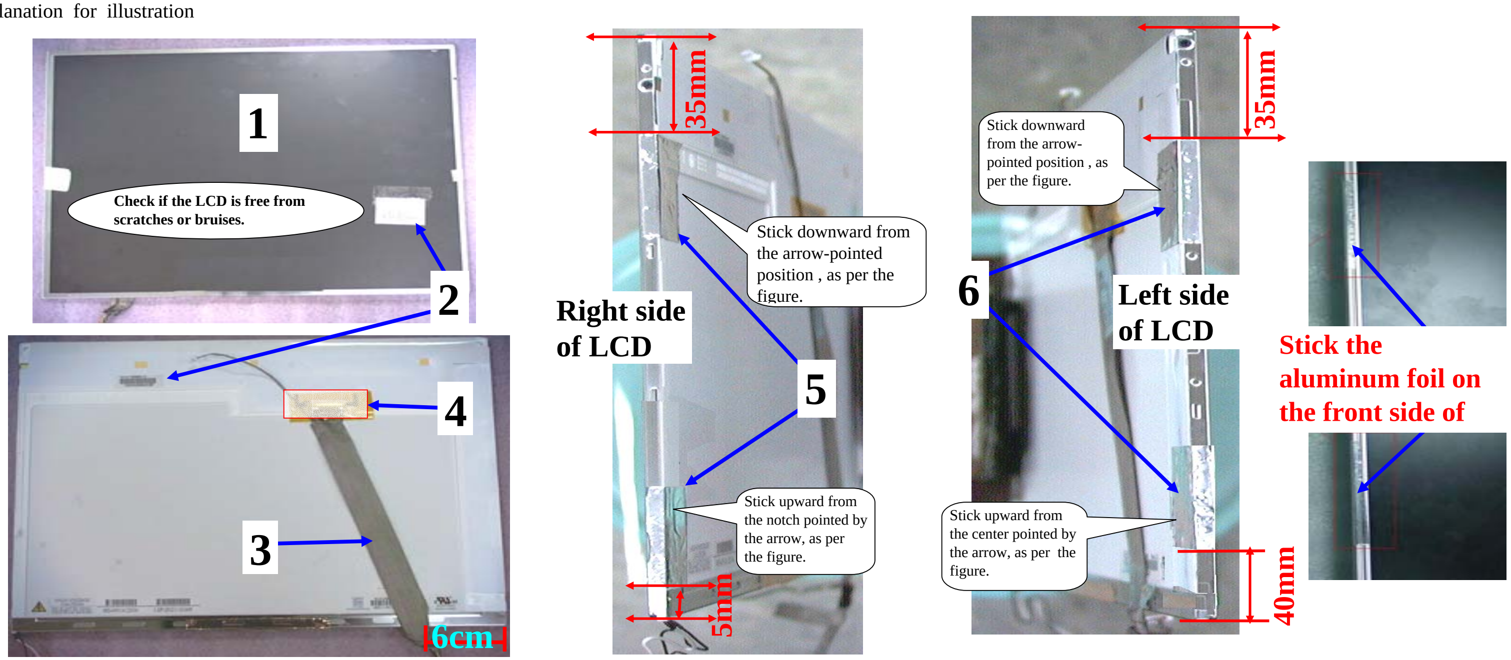
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
AU B141XG10 HYUNDAI LCD (HT14X19-100)	1	P14N-LCD MIDDLE SPONGE FOR QDI141 (2.3mm thick)	51-036085-20	1	After stripping the self-glue paper from the backside of the sponge, cut along the mark of the base plate and then stick the sponge squarely as per the red line shown in the figure above.	NA	NA
	2	P14N-LCD R SPONGE FOR QDI141-E4052A (2.3mm thick)	51-036080-20	1	After stripping the self-glue paper from the backside of the sponge, cut along the mark of the base plate and then stick the sponge squarely as per the red line shown in the figure above.	NA	NA

Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-3	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration

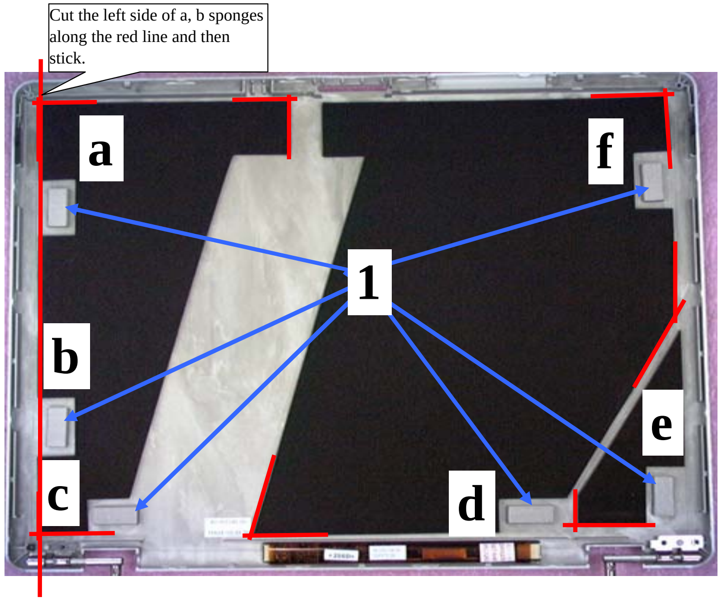


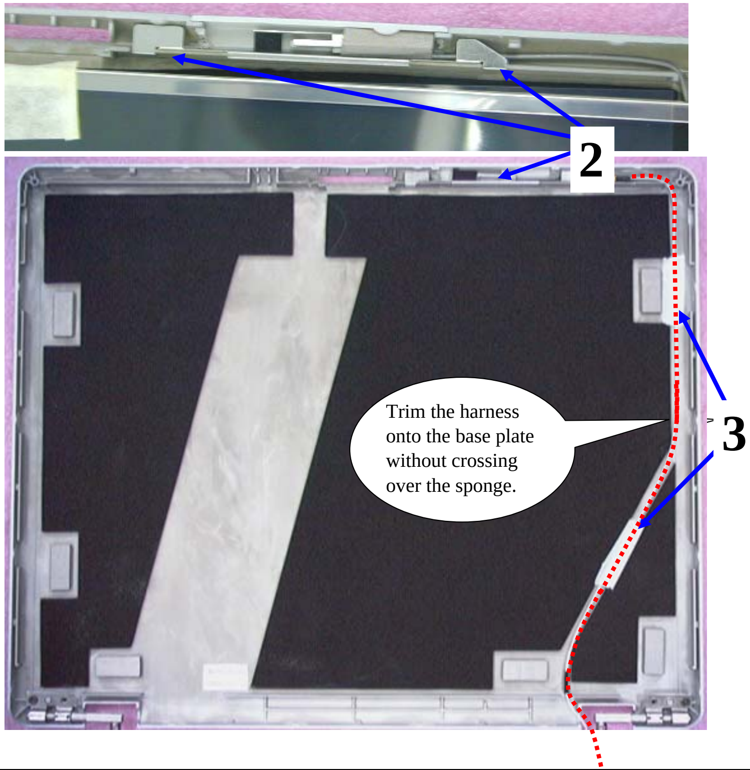
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
HYUNDAI LCD	1	LCD-14.1"-TFT XGA-A-60mm-HYUNDAI-HT14X19-100	72-11423H-03	1	Check if the LCD panel is free of scratch or bruise defect.	NA	NA
AU B141XG10		LCD-14.1" TFT XGA-AU-B141XG10	72+11423E+00				
	2	BAECODE LABEL/ Manufacturer's bar	63-250190-00	2	Stick the Barcode Label and the manufacturer's barcode position is	NA	NA
AU B141XG10	3	R14KT1-LCD HARNESS FOR HYUNDAI-HT14X19-SH780	29-001780-00	1	Assemble the LCD Harness on the LCD port as per the figure.	NA	NA
	4	ALL MODEL-INSULATING TAPE-20mmX66m.T=0.5mm (5cm white broad tape)	27-309091-00	1	Connection between the fixing harness and LCD port, as per the figure.	**NA**	Tape stand.
	5	P14N-LCD AL FOIL-E41090(鋁箔)	40-008050-00	4	Stick aluminum foil on both sides of the LCD body according to the position shown in the figure.	Stick the foil onto the front iron plate of LCD according to the instructions.	NA

Twinhead S.O.P Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-4	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration





Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	CONDUCTIVE SPONGE (9X3.5X20mm)	51-350094-05	6	Stick six pieces of conductive sponge according to positions a~f shown in the figure, and "a" and "b" sponges should align with the left side red line.	NA	NA
	2	ANTENNA FOR LCD & 802.11A/B/G-F4316-R14KT1	22-600170-00	1	Assemble the antenna harness on the base plate according to the wiring method of the figure, and three latches must be fixed on the base plate.	Do not lay the harness on the black sponge.	NA
	3	ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm (about 4cm long)	27-309090-00	2	Stick the tape to fix the harness, making it bond against the base plate .	NA	Tape stand.

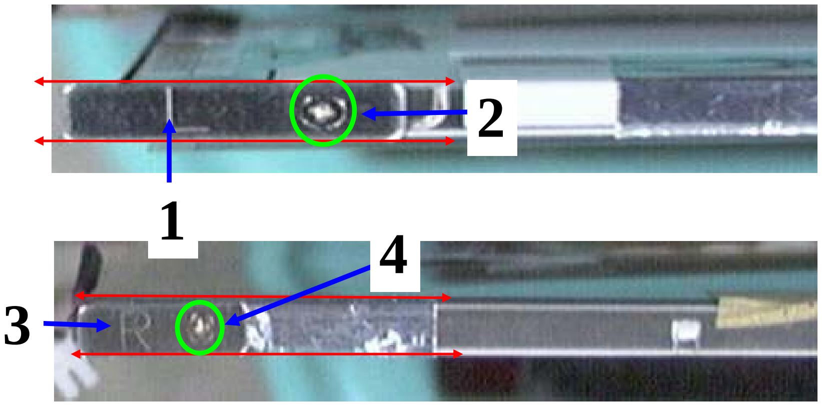
Twinhead International (Kunshan) CO.,LTD

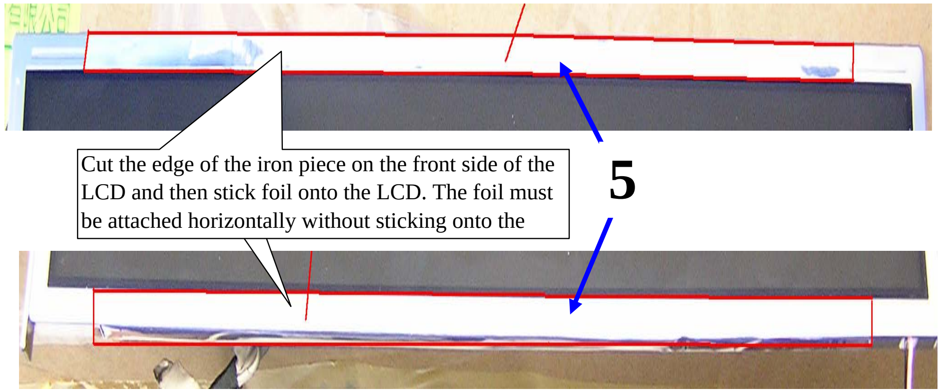
Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-5	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration





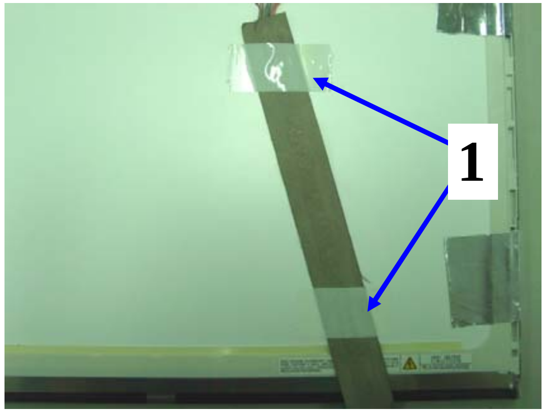
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
AU B141XG10, HYUNDAI LCD (HT14x19-100)	1	P14S-LCD BRACKET-MG L FOR TOSHIBA-E46700	40-030641-00	1	Place the iron plate on the left side of the LCD.	The screw holes must be aligned.	LCD support jig.
	2	SCREW ISOT-M2X3L-SELF-LOCKING ∮D3.5mm t=0.8mm-B4424I	41-721520-03	1	Fix the left side iron frame of the LCD with the locking screws.	NA	Electrical Screwdriver/Torque: 1.0±0.2Kgf-cm
AU B141XG10 HYUNDAI LCD (HT14x19-100)	3	P14S-LCD BRACKET-MG R FOR TOSHIBA-E46710	40-030640-00	1	Place the iron plate on the right side of the LCD.	The screw holes must be aligned.	LCD support jig.
	4	SCREW ISOT-M2X3L-SELF-LOCKING ∮D3.5mm t=0.8mm-B4424I	41-721520-03	1	Fix the right side iron frame of LCD with the locking screws.	NA	Electrical Screwdriver/Torque: 1.0±0.2Kgf-cm
	5	R14KT1 LCD PANEL AL FOIL-F4444	40+008280+00	2	Stick the foil onto the top and bottom sides of the LCD according to the positions shown in the figure.	Stick onto the front side iron plate of the LCD according to the instructions.	NA

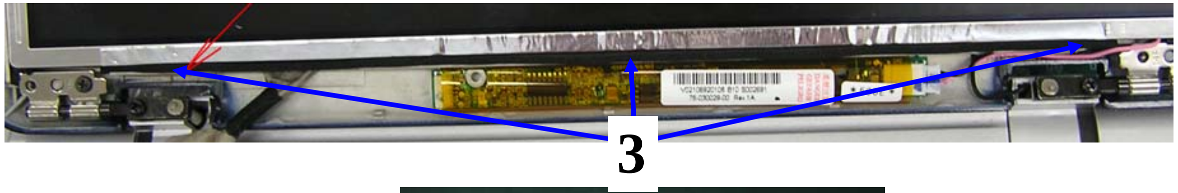
Twinhead S.O.P

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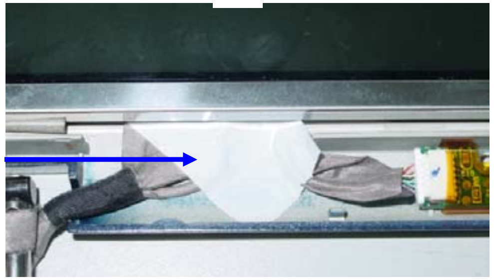
Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：**6512-6**	Revision： 0	Manufacturing Section：**PE** Date：**2005.07.23**

Explanation for illustration





2



Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	ALL MODEL-INSULATING TAPE-20mmX66m.T=0.5mm (5cm white broad tape)	27-309091-00	2	Fix the harness with tape according to the position shown in the figure.	The top port of the LCD harness should not be loosened.	Tape stand
	2	ALL MODEL-INSULATING TAPE-20mmX66m.T=0.5mm (5cm white broad tape)	27-309091-00	1	Load the LCD into the Cover and then fix the harness with tape according to the position shown in the figure.	NA	
HYUNDAI LCD (HT14X19-100)；AU B141XG10	3	R14KT1-SPONGE FOR LCD PANEL-245X5.5mm-F45000	51+036332+00	1	Plug the sponge in-between the LCD and the base plate by pushing both sides first and then the middle part.	Neatly trim the sponge without exceeding the surface of the LCD body.	NA

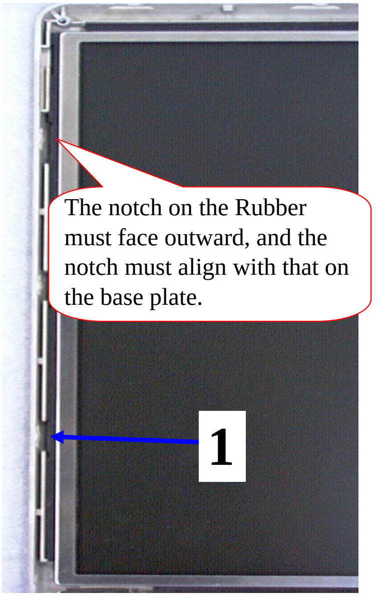
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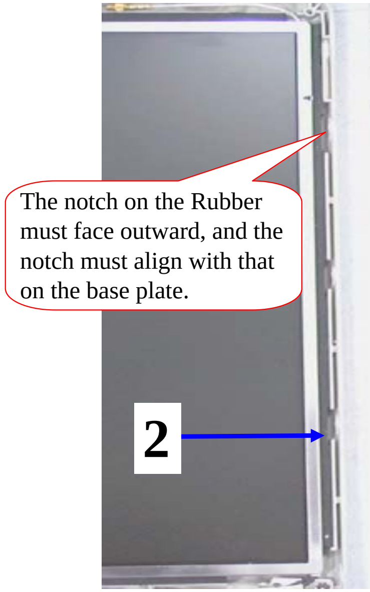
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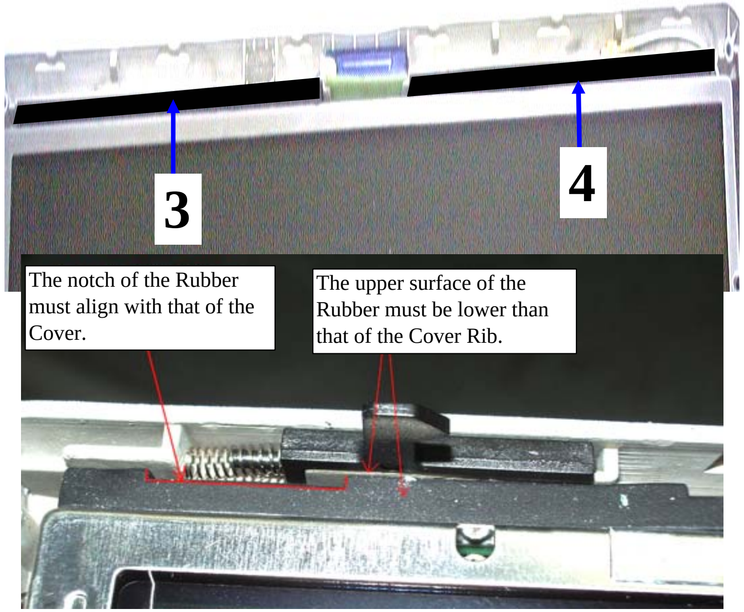
Twinhead S.O.P (Document NO):TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-7	Revision： 0	Manufacturing Section：PE Date：2005.07.23

圖 片 說 明







Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
AU B141XG10 HYUNDAI LCD (HT14X19-100)	1	P14S-RUBBER L FOR TOSHIBA-E46650	52-002054-00	1	Plug the Rubber into the area between the LCD and the base plate by pushing both ends first and then the middle part.	Trim the Rubber without exceeding the upper surface of LCD.	NA
AU B141XG10 HYUNDAI LCD (HT14X19-100)	2	P14S-RUBBER R FOR TOSHIBA-E46640	52-002055-00	1			
HYUNDAI LCD (HT14X19-100); AU B141XG10	3	P14S-UPPER RUBBER-FOR HYUNDAI HT14X19-100-E48060	52-002056-00	1	Plug the Rubber into the area between the LCD and the base plate by pushing both ends first and then the middle part.	Trim the Rubber without exceeding the upper surface of LCD.	NA
	4	P14S-UPPER RUBBER-FOR HYUNDAI HT14X19-100-E48060	52-002056-00	1			

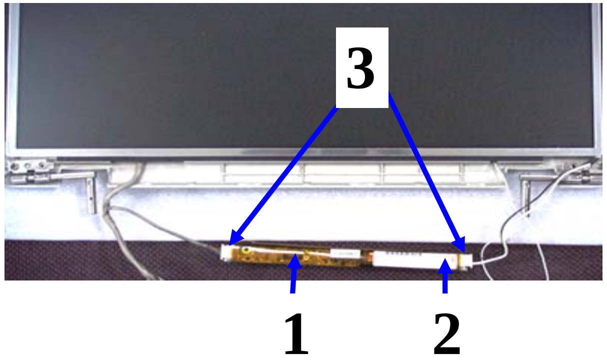
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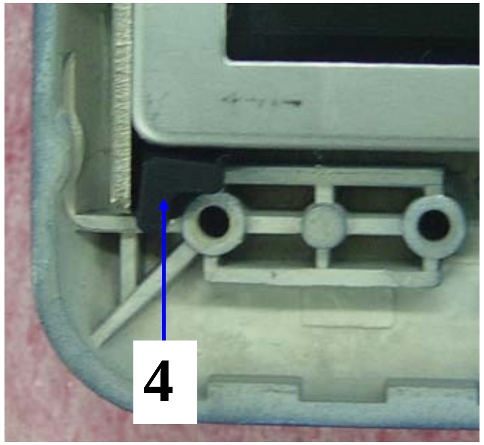
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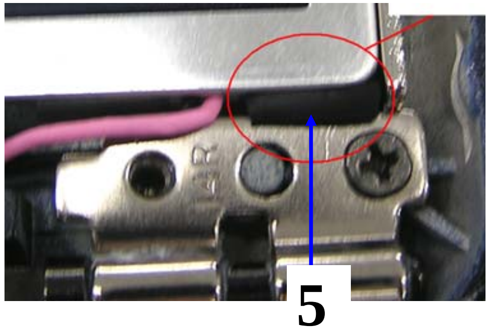
Twinhead S.O.P (Document NO):TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-8	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration







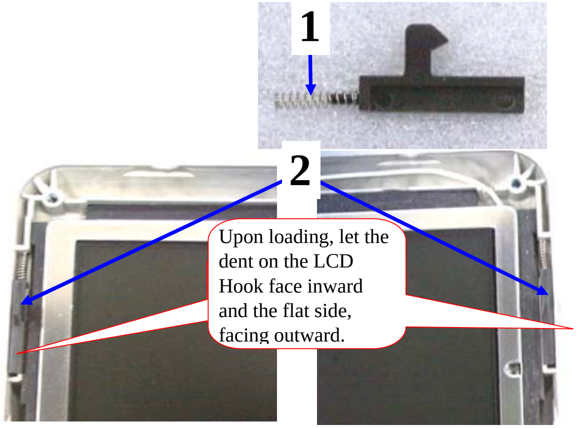
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	INVERTER-5V-5W-DARGON-V069-201-R15GN	76-030029-00	1	Take high-pressure small plate and check the appearance, as per th	NA	NA
	2	DATE CODE LABEL (month label)	63-000041-XX	1	Stick the month label according to the position shown in the figure	NA	NA
	3	NA	NA	NA	Assemble the LCD harness port and the LCD body harness into the left and right ports of high-pressure small plate, as per the figure.	NA	NA
	4	R14KT1-HYDIS LCD RUBBER-L-F4442	52+002450+00	1	Assemble one of Rubbers in the area between the left side pivot screw hole and the LCD, as per the figure.	NA	NA
	5	R14KT1-HYDIS LCD RUBBER-R-F4443	52+002451+00	1	Assemble one of Rubbers in the area between the right side pivot screw hole and the LCD, as per the figure.	NA	NA

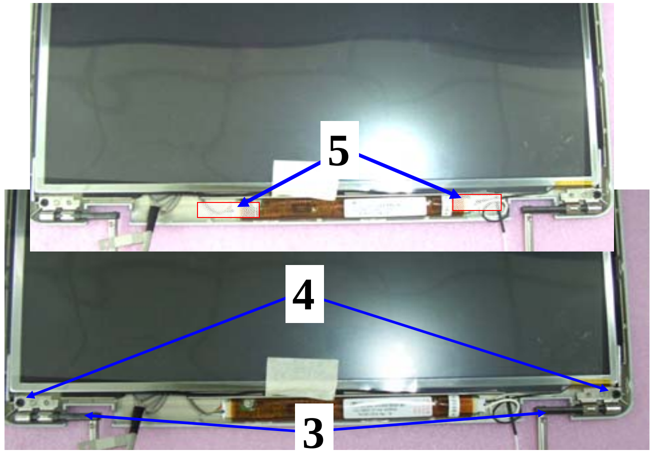
Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：6512-9	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration







Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P90E-BATTERY LATCH SPRING-C46860	40-011131-00	2	Take the spring and set it on the LCD Hook, and then assemble them on the LCD base plate, as per the figure.	Distinguish the left and right sides of the LCD Hook.	NA
	2	P14N-LCD HOOK R-POM-E4007D	50-041011-11	1			
		P14N-LCD HOOK L-POM-E4008D	50-041012-11	1			
	3	P14S-HINGE R-F41970	40-015710-00	1	Assemble the pivot marked with "R" on the right side of base plate, and the holes must align with the rib of the base plate.	NA	NA
		P14S-HINGE L-F41980	40-015711-00	1	Assemble the pivot marked with "L" on the left side of base plate, and the holes must align with the rib of the base plate.	NA	NA
	4	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4424I	41-720926-04	2	Fix the pivot with screw, as per the figure.	NA	Electrical screwdriver: 2.0±0.2Kgf-cm
	5	ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm (約4mm)	27-309090-00	2	Strip the double-face tape on the backside of the high-pressure small plate and assemble it in the base plate in place. Trim the harness as per the figure, and then fix it with two tapes.	Trim the LCD Harness according to the position shown in the figure.	NA

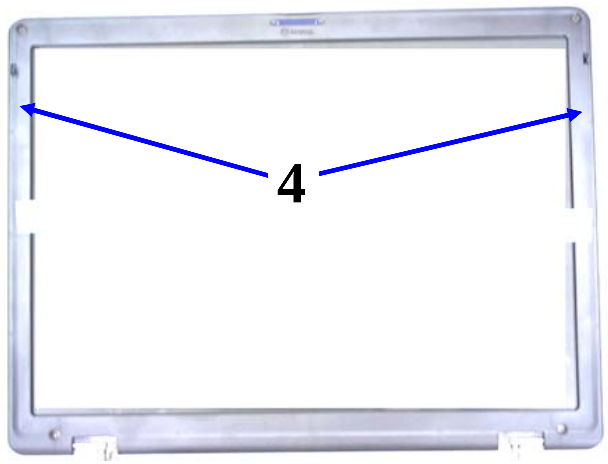
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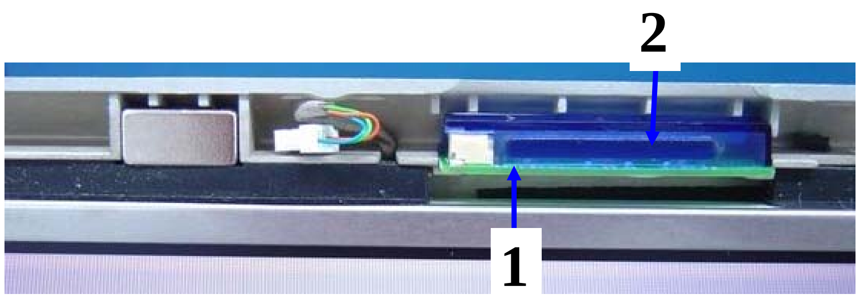
Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P： R14KT LCD MODULE ASS'Y SOP	Working name：**6512-10**	Revision： 0	Manufacturing Section：**PE** Date：**2005.07.23**

Explanation for illustration







Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14S-LCD DUMMY LENS PLATE-E48230	50-000360-00	1	Check the appearance of the LCD Dummy Lens Plate and LCD Lens. Allow the shorter protruding side of the LCD Lens face upward, and then load the Dummy Lens Plate together with the LCD Lens into the base plate slot in place as per the figure.	NA	NA
	2	P14N-LCD LENS-E40090	50-025030-00	1		NA	NA
	3	P14N-MAGNET-11.9X5.9X4mm (磁石) (n	27-600020-01	1	Strip the self-glue paper from the magnet, and then load into the base plate slot in place.	Load with the side affixed with tape facing downward.	NA
	4	P14N LCD PANEL ASS’Y E1075-09	50-961401-63	1	Check the appearance of the Panel and then assemble the cover with the panel.	Be sure to align with the screw holes on four corners.	NA
		P14N-#8162 LCD PANEL W/O LOGO-E1075-09	50-961401-U1				
		P14N3 LCD PANEL SILVER TH E1088-01	50-961401-E3				
		P14N3 LCD PANEL SILVER E1088-02	50-961401-F3				

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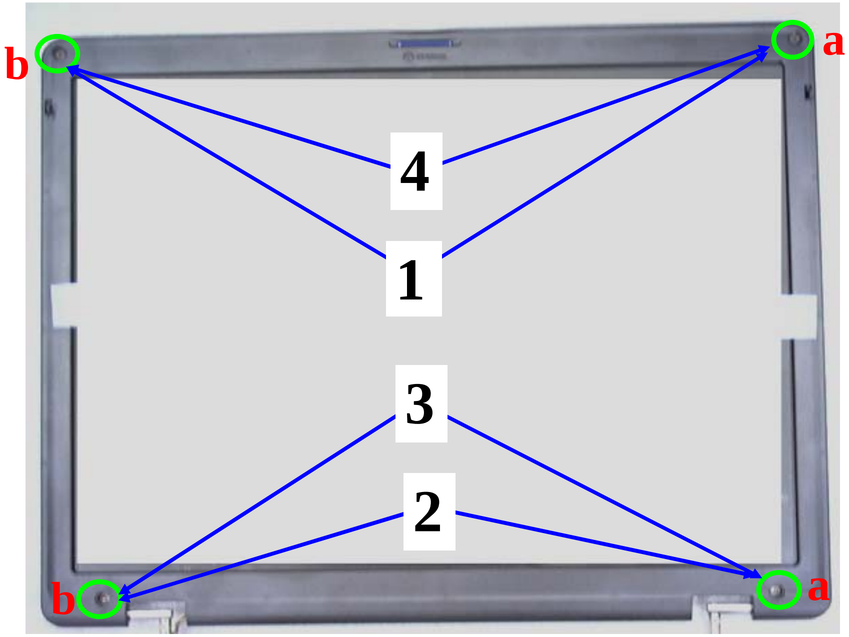
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Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P : R14KT LCD MODULE ASS'Y SOP	Working name：**6512-11**	Revision： 0	Manufacturing Section：PE Date：**2005.07.23**

Explanation for illustration



Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4424I	41-720926-04	2	Fix the panel with the locking screws by the sequence as per the figure.	NA	Electrical screwdriver/Torque: 2.0±0.2Kgf-cm
	2	SCREW ISOT-M2.6X5L H=0.8mm-NYLOK(COATING)-B3516Z	41-721526-05	2	Fix the panel with the locking screws by the sequence as per the figure.	NA	
	3	E14A-RUBBER PAD-PANTONE 428C-B4405	52-001085-H0	2	Stick the rubber pad onto the screw hole.	The rubber pad should be affixed squarely.	NA
	4	E14A-PANEL SCREW RUBBER-PANTONE 428C-E4039	52-002271-10	2	Stick the rubber pad onto the screw hole.		NA

Twinhead S.O.P

Document NO: TESOP658

Name of S.O.P： R14KT LCD MODULE ASS'Y SOP	Working name：6512-12	Revision： 0	Manufacturing Section：PE Date：2005.07.23

Explanation for illustration

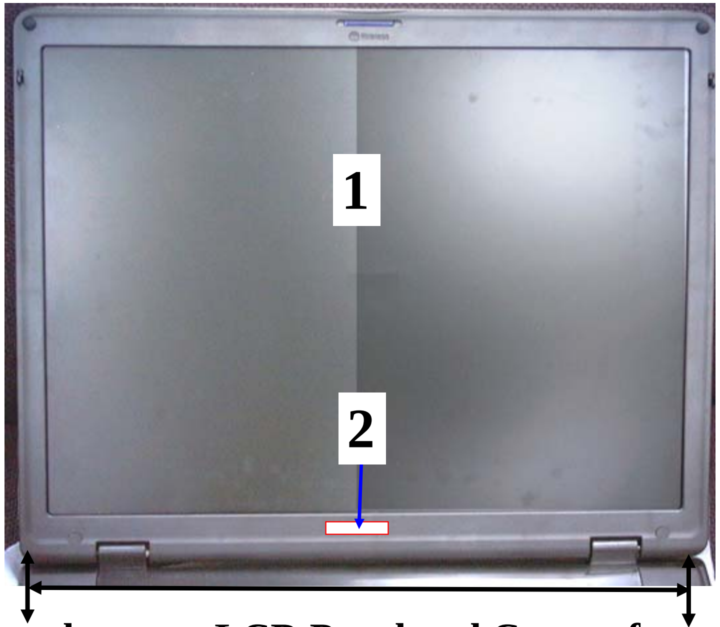
Gap around the LCD:

Height difference around the LCD: <=0.5mm.

Gap between the LCD panel and the body: <=1.0mm

No exposed LCD iron plate shall be allowed when viewed from 30-degree angle.

For the operation of this station, please refer to the QC Inspection



Bottom gap between LCD Panel and Cover after assembly: <=0.9mm

Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	NA	NA	NA	Check the LCD appearance, gap and height difference according to the figure. For other appearance inspection standards, please refer to "P14N Series Appearance and Mechanism Inspection Standard".	NA	NA
DURABOOK	2	ALL MODEL-LCD PANEL NAME PLATE-FOR DURABOOK-NI	40+004360+00	1	Stick the Panel Nameplate onto the middle below the LCD Panel, as per the figure.	Be squarely affixed.	Jig
	2	NA	NA	1	After sticking the protection film onto the LCD Module, wrap it with the packing bag and then place the entire unit into the carton.	NA	NA

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R14KT System Assembly SOP		DOCUMENT CODE:TESOP659	
		REVISION: 0	
		RELEASE DATE:	
		PAGE: 19 (Total 20 pages)	
DESCRIPTION	**PREPARED BY**	**CONCURRED BY**	**APPROVED BY**
1. NEW RELEASE	PE: LI-Shing 2005.07.26	Manufacturing: QC:	

Tw*inhead*

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R14KT System Assembly SOP

Document NO: TESOP659

R14KT System Assembly SOP Table of Contents/Manpower Breakdown	
1. SOP Table of Contents	P.01
2. Unit Assembly Material List/Operation Instructions/Fig. 2	P.02~P.19
(Operators: 18 persons, including the appearance inspection)	
3. Reference: QC Appearance Inspection Specifications	
4. Tools used: Electrical screwdriver, tape stand.	
For actual materials, please see BOM.	
This SOP applies to the assembly work of R14KT System.	

Page and Version List: REV: 0

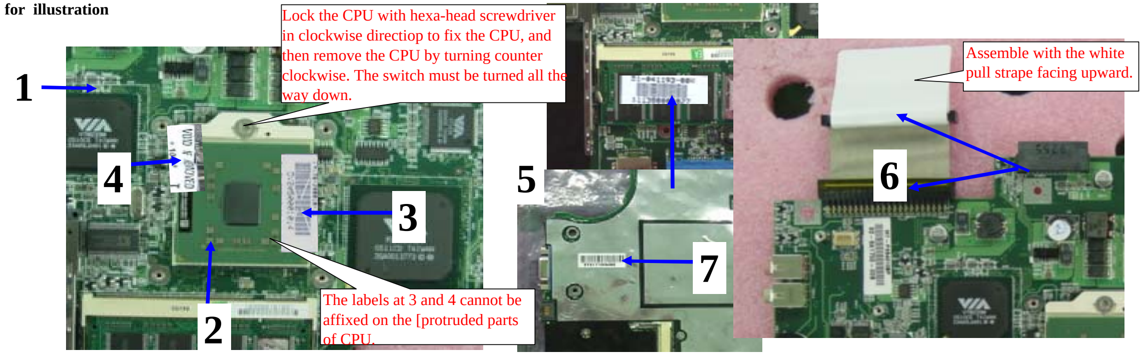
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Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	Working name：7001 Working name：CPU	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

Explanation for illustration



Difference	Operation Sequence	Parts Name / Specification	Parts Number	QTY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-PCB ASS'Y-JP-K8-REV:0-W/BIOS SET	82-8A1700-00	1	Take M/B and check if the Mylar is squarely affixed. Lift the reed on the I/O plate slightly upward.	NA	NA
	2	CPU-AMD K8 MOBILE SEMPRON 2800+-1600MHZ-OuPGA 754-SMS2800BOX3LB-1.25V-25W-256K CACHE	01-2000H9-M1	1	Load the CPU into the CPU slot. Lock the CPU by turning the switch above with a hexa-head screwdriver to fix the CPU securely.	Do not touch the central chipset of the CPU.	Hexa-head screwdriver.
		CPU-AMD K8 MOBILE TURION 64 MT-30-1600MHZ-OuPGA 754-TMSMT30BQX5LD-1.2V-22W-1MB CACHE	01-2006L9-M0				
		CPU-AMD K8 MOBILE TURION 64 MT-28-1600MHZ-OuPGA 754-TMSMT28BQX4LD-1.2V-22W-512K CACHE	01-2005L9-M0				
		CPU-AMD K8 MOBILE TURION 64 MT-32-1800MHZ-OuPGA 754-TMSMT32BQX4LD-1.2V-24W-512K CACHE	01-2005LB-M0				
		CPU-AMD K8 MOBILE TURION 64 MT-34-1800MHZ-OuPGA 754-TMSMT34BQX5LD-1.2V-24W-1MB CACHE	01-2006LB-M0				
		CPU-AMD K8 MOBILE SEMPRON 3100+-1800MHZ-OuPGA 754-SMS3100BOX3LB-1.25V-25W-256K CACHE	01-2000HB-M0				
		CPU-AMD K8 MOBILE SEMPRON 3000+-1800MHZ-OuPGA 754-SMS3000BOX2LB-1.25V-25W-128K CACHE	01-2001HB-M0				
	3	KEY PARTS BARCODE LABEL-KL18260	63-250190-00	1	Stick the K/P Label and verify the CPU and M/B barcode.	NA	Barcode Machine
	4	Durable Label	63-000041-XX	1	Affix the perishable label in the position shown in the figure.	Do not affix on the central chipset of the CPU.	NA
	5	DDR SO-DIMM-M2S5I08D6APS5F081 AA-T-256MB-DDR333-2.5V+/-0.1V-200P-IC:A2S56D30BTP-6-TWINMOS	18-060005-L0	1	Insert the DDR RAM into the M/B Socket and then stick the Barcode Label and verify the Barcode.	Before inserting the in-stock slip, wipe the Golden Finger with a static rag.	Static rag and Barcode Machine
		DDR SDRAM SO-DIMM-ADFDB2 90800H-512MB-DDR333-2.5V+-0.2 V-200P-ON A-DATA IC-A-DATA	18-060006-D0				
		DDR SO-DIMM-M2S5J08D-HX-512MB-PC2700-2.5V+/-0.1V-200P-TWINMOS	18-060006-60				
		KEY PARTS BARCODE LABEL-KL18260	63-250190-00	1			
	6	P14G-HDD CABLE-CA3040	29-005070-00	1	Insert the HDD harness into the M/B connector according to the position shown in the figure.	Follow the assembly direction.	NA
	7	NA	NA	NA	Take Process Card and then stick one serial number piece on the M/B and the other on the Process Card.	NA	NA

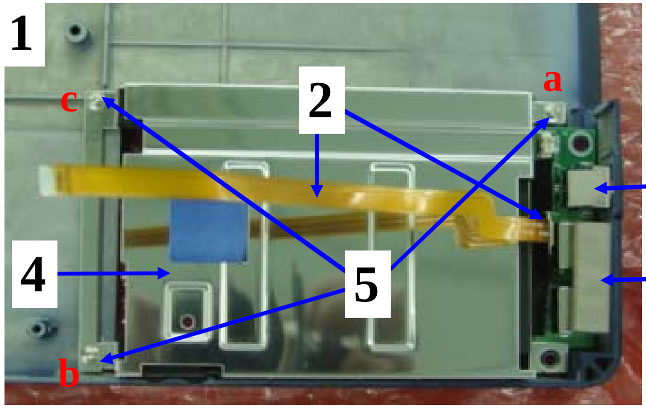
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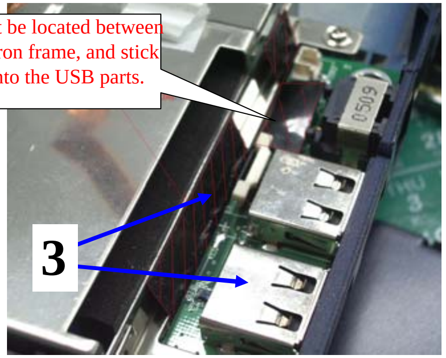
Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	Working name：7002 Working name：HDD BRACKET	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

Explanation for illustration





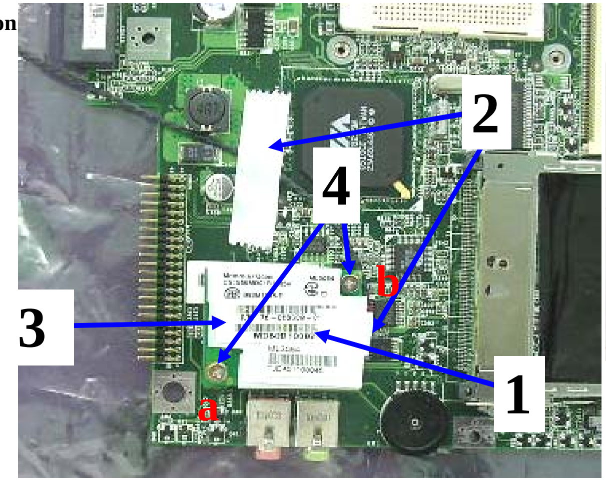
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-LOWER COVER-#8750-M-B1392	40+002560+01	1	Check if the apperance of the Lower Cover is free from scratches and stains.	The battery latch action must be smooth.	NA
	2	R14KT1 USB FPC-CA370	29+015370+00	1	Check the appearance of USB and USB FPC harnesses, and then conect the FPC harness to the USB port for assembling USB PCB into the Lower Cover as per the figure.	The screw holes must align with the base plate stud. The Mylar on the left side of the USB must be located between the HDD iron frame and USB PCB and the central Mylar must cover up the parts on the USB.	NA
	3	R14KT1-PCB ASS'Y-JP-USB+RJ11-REV:B-W/MECHANICAL PARTS KIT	80-8A1700-00B	1			
	4	P14N-HDD BRACKET-B2256A	40-031364-00	1	Take HDD iron frame and check if the appearance is free from scratches and twisting, and then load it into the base in place as per the figure.	NA	NA
	5	SCREW BPS/W (§ 5.5)-M2X3L-NYLOK-B3892B	41-420520-03	3	Load the HDD iron frame into the Lower Cover in place and then lock three screws on the iron frame in an a-b-c sequence as per the figure.	The screw holes of the iron frame must align with the base plate stud. The screw holes of the USB small card must also align with those of the Lower Cover.	Electrical screwdriver/Torque: 1.5±0.2Kgf-cm
	6	CONDUCTIVE SPONGE(10X2X10mm)	51-350094-16	1	Stick a 10mm long Conductive Sponge onto the RJ-11 port according to the position shown in the figure.	NA	NA
	7	CONDUCTIVE SPONGE(10X4X30mm)	51-035010-10	1	Stick one 30mm long Conductive Sponge onto the left and right USB terminals according to the position shown in the figure.	NA	NA

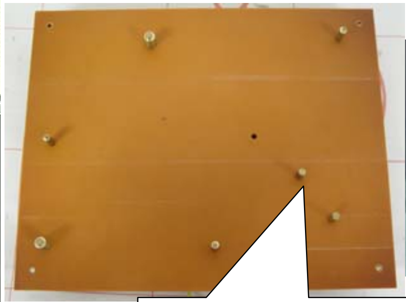
Twinhead S.O.P

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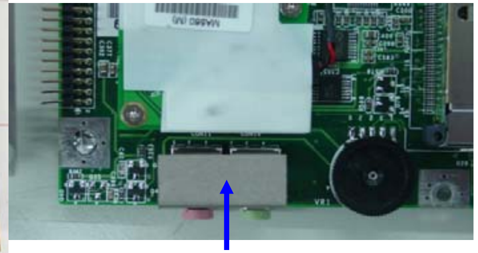
Name of S.O.P：R14KT System Ass'y SOP	**Working name：7003** **Working name:MODEM**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration





Modem locking screw and assembly jig.



5

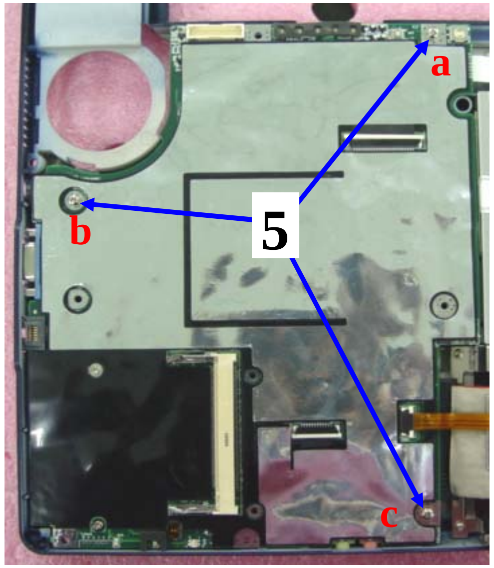
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	MDC MODEM CARD-12mA-3.3V-39.6mW-W/MOTO CHIPSET-QCOM-ML3054	76-060009-00	1	Check if the appearance of Modem Card is free from scratches and stains. Then stick K/P Label and verify the Barcode.	NA	NA
		KEY PARTS BARCODE LABEL-KL18260	63-250190-00	1		NA	Barcode Machine
	2	R14KT1-MDC HARNESS-SH774	29+001774+00	1	Trim the Modem harness into the port and then fix with tape. Trim the harness according to the figure and then fix with tape.	NA	NA
		ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm	27-309090-00	2			Tape stand
	3	NA	NA	NA	Place the M/B on the Modem locking screw and assembling jig in place, and then mount the Modem on the M/B as per the figure.	The entire Modem must be exactly mounted.	Modem locking screw and assembling jig.
	4	SCREW BPS/W (§ 5.5)-M2X3L-NYLOK-B3892B	41-420520-03	2	Lock two screws to fix the Modem in an a-b sequence as per the figure.	NA	Electrical screwdriver/Torque: 1.5±0.2Kgf-cm
	5	CONDUCTIVE SPONGE (10X4X20mm)	51-035010-10	1	Stick a 20mm long Conductive Sponge onto the Audio port according to the position shown in the figure.	NA	NA

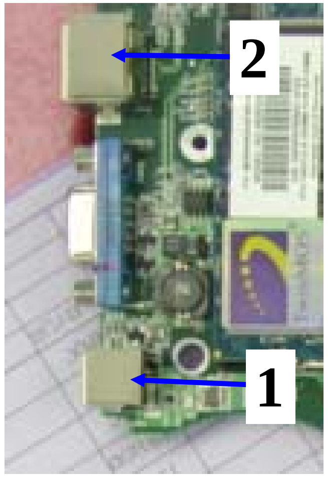
Twinhead S.O.P

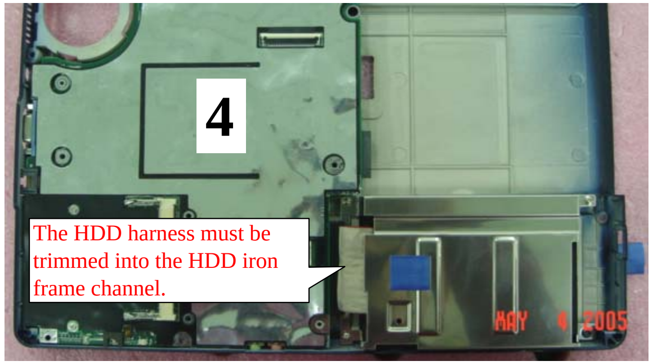
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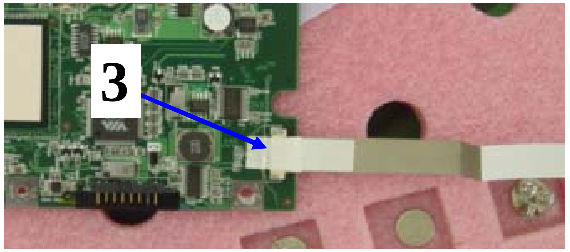
Name of S.O.P：R14KT System Ass'y SOP	**Working name：7004** **Working name：IN M/B**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration









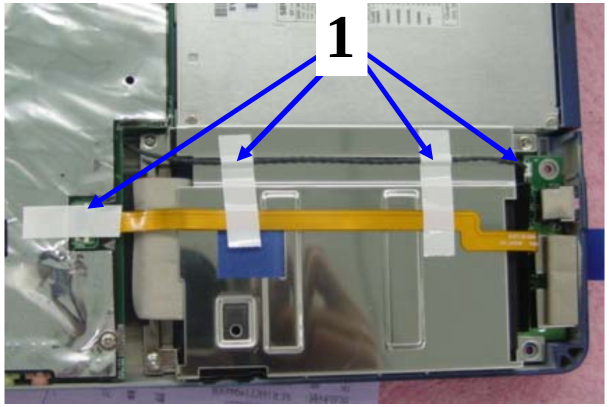
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P88S-CONDUCTIVE SPONGE (10X0.5X10mm)	51-350094-15	1	Stick a 10mm long Conductive Sponge onto the DC-IN port according to the position shown in the figure.	NA	NA
	2	CONDUCTIVE SPONGE(10X0.5X15mm)	51-350094-15	1	Stick a 15mm long Conductive Sponge onto the Lane port according to the position shown in the figure.	NA	NA
	3	R14KT1-COMPORT FFC-M/B-CA372	29+016372+00	1	Connect the Comport FFC harness to the M/B, as per the figure.	NA	NA
	4	NA	NA	1	Mount the M/B on the base by aligning the screw holes. One side of the left PC push rod must be loaded first.	During loading, do not bend the M/B, and the hole position must be aligned. The M/B shall lay flat on the base.	NA
	5	SCREW TP/W-M2.6X4L, ∮D6.5,1.93T-NI,SELF-LOCKING-F4383	41+420526+04	3	Lock three screws to fix the M/B in an a-b-c sequence a	NA	Electrical screwdriver/Torque: 2.5±0.2Kgf-cm

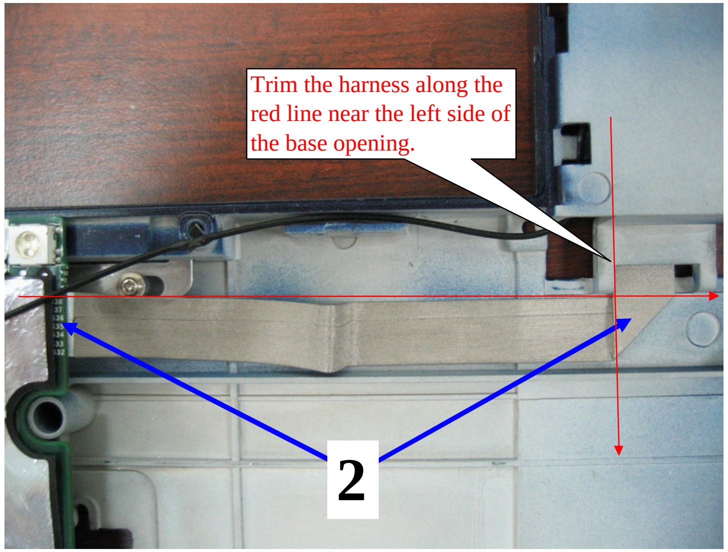
Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7005** **Working name：Trim the harness.**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration





Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1 USB FPC-CA370	29+015370+00	1	Insert the USB harness into the M/B port and connect the Modem harness to the USB small plate and then trim the harness according to the figure. Then fix the two harnesses with two tapes separately.	The harness must be fully assembled.	NA
		ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm(about 3cm)	27-309090-00	2		NA	Tape stand
	2	NA	NA	NA	Strip the self-glue tape under the Comport FFC harness and guide the harness through the hole on the base. After trimming, fix the harness on the base with tape as per the figure.	NA	NA

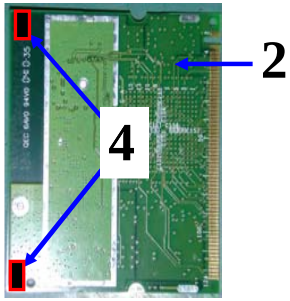
Twinhead S.O.P

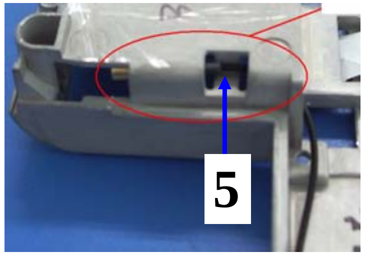
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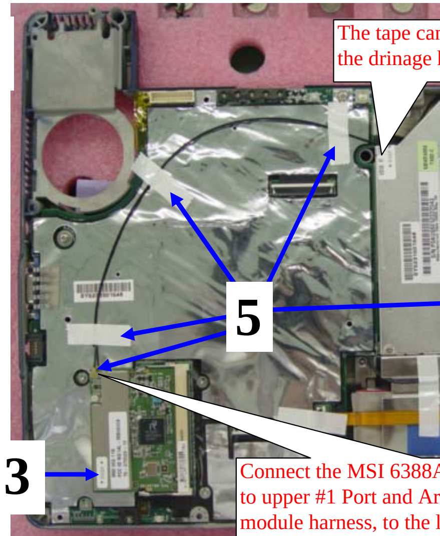
Name of S.O.P：R14KT System Ass'y SOP	Working name：7006 Working name：ODD	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

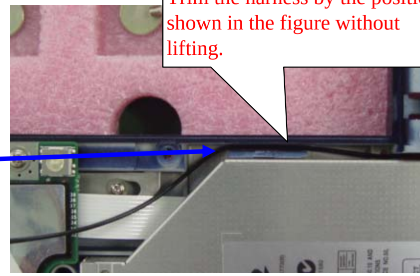
Explanation for illustration











Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	ALL MODEL-PRODUCT BAR CODE LABEL-KL1640B	63-000710-00	1	Check the appearance of the DEV Drive and insert the drive into the M/B port. Stick the unit serial number and then verify the Barcode.	The DVD Drive must be assembled in place securely.	BAR CODE Machine
	2	WLAN MODULE MINI PCI-3.3V-802.11b/g RALINK TYPE 3B-MSI-MS-6833A	76-070029-10	1	Check the appearance of wireless transmission small card.	NA	NA
	3	DATE CODE LABEL (month label)	63-000041-XX	1	Tag the month label on the wireless transmission small card, as per the figure.	NA	NA
	4	P22T-RUBBER FOR WIRELESS-E45500	52-003091-00	2	Stick two rubber pads onto the upper and lower corners on the backside of the wireless transmission small card (near the M/B side), as per the figure.	The rubber pads must be affixed squarely without slanting, exceeding the edge of small card, or pressing the electronic parts of the small card.	NA
	5	ANTENNA FOR BASE(802.11ABG) -F4317-R14KT1	22-600171-00	1	Connect the antenna to the wireless transmission small card. Trim the wireless transmission antenna along the hole of the foil, and then stick three tapes to fix the harness as per the figure.	Trim the harness into the base slot above the ODD without lifting.	NA
		ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm	27-309090-00	3		The harness must be horizontal and attached to the M/B and not allowed to lie on the M/B parts or penetrate through the screw holes.	Tape stand

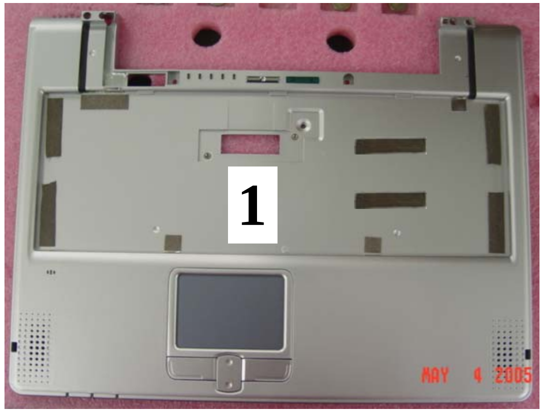
Twinhead Twinhead International (Kunshan) CO.,LTD

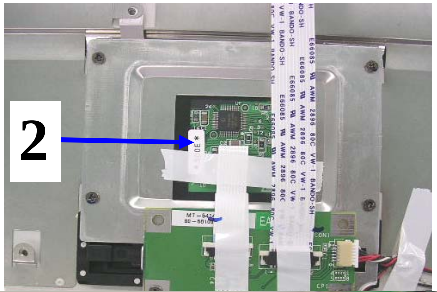
Twinhead S.O.P

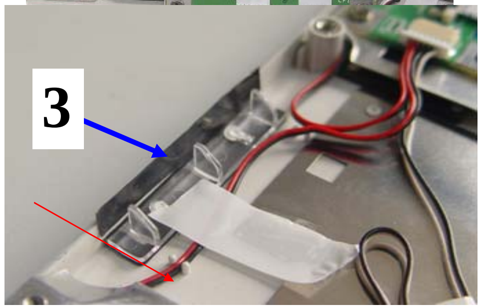
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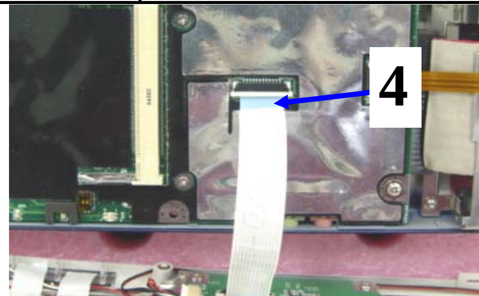
Name of S.O.P：R14KT System Ass'y SOP	Working name：7007 Working name：UPPER COVER	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

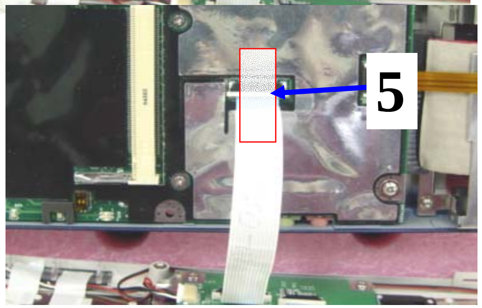
Explanation for illustration











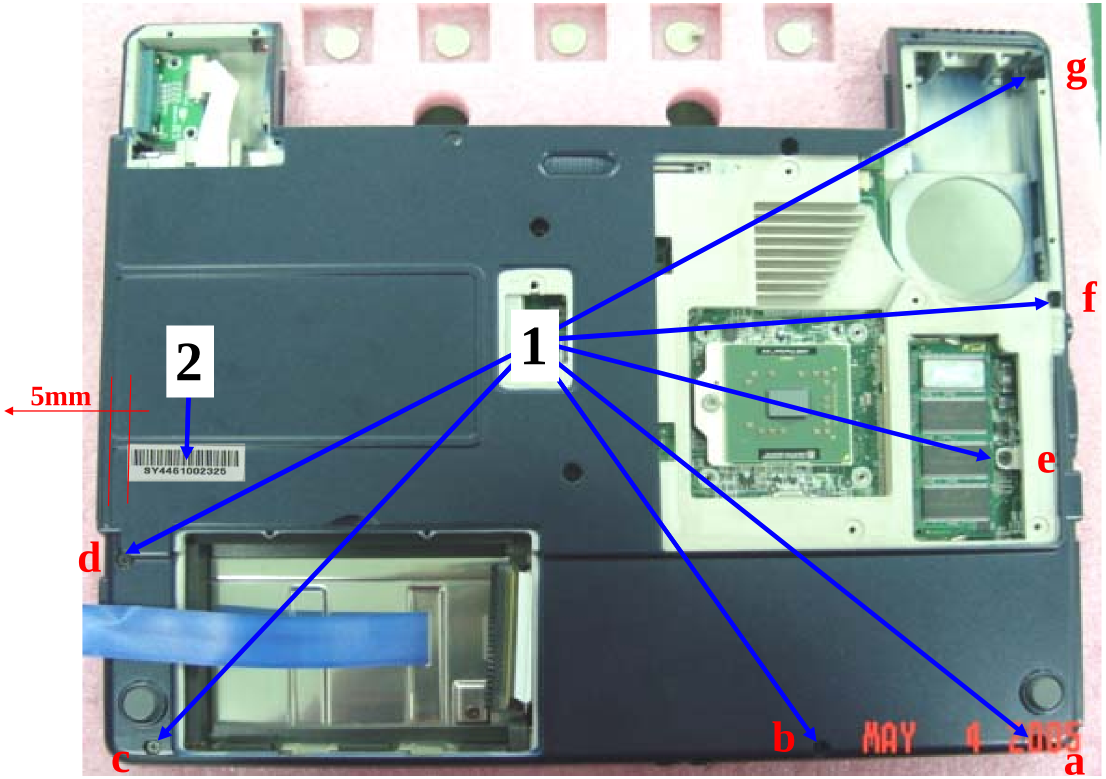
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-#8028 UPPER COVER ASS'Y-E1120-03	50-968201-02	1	Check if the Upper Cover is free from scratches and stains.	NA	NA
	2	Month label	63-000042-XX	1	Stick onto the Touch Pad of the Upper Cover according to the position shown in the figure.	NA	NA
	3	R14KT1-UPPER COVER LENS MYLAR-F4458	50+023694+00	1	Stick one piece of Mylar onto the right side lamp shade above the Upper Cover along the left side of lamp shade (red line).	The Mylar should be affixed squarely without falling.	NA
	4	NA	NA	1	Connect the Touch Pad harness of the Upper Cover to the M/B port.	The harness must be fully inserted.	NA
	5	ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm(about 3cm)	27-309090-00	1	Fix the port with tape and cut the part left on the upper connector and then stick downward.	The entire port must be taped.	Tape stand
	6	NA	NA	1	Clamp the Upper Cover and the Base by loading the lower part first and then clamp from bottom to top.	The clamping must be exact.	NA

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Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	Working name：7008 Working name：SCREWS	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

Explanation for illustration

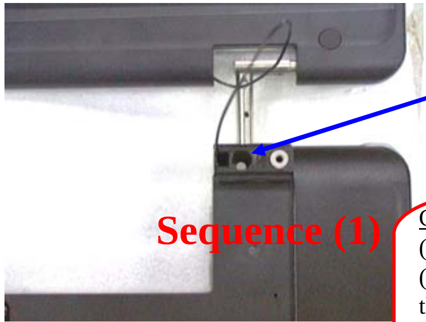


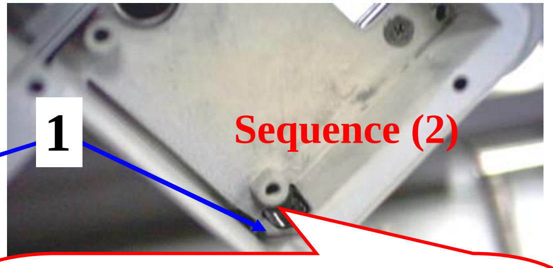
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252H	41-721026-06	7	After properly assembling the base and the Upper Cover, lock seven screws on the backside of M/B in an a-b-c-d-e-f-g sequence as per the figure.	NA	Electrical screwdriver/Torque: 2.5±0.2Kgf-cm
	2	ALL MODEL-PRODUCT BAR CODE LABEL-KL1640B	63-000710-00	1	Tear off one piece of machine serial number from the process ca adn then stick it on the backside of the machine. The tape must be affixed along the bottom left corner of the FCC slot, as per the position shown in the figure.	NA	NA

Twinhead S.O.P   Document NO: TESOP659

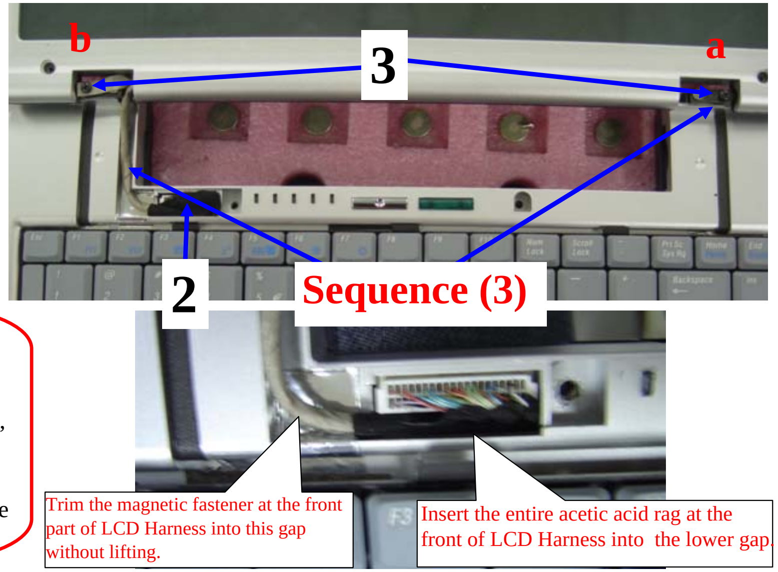
Name of S.O.P：R14KT System Ass'y SOP	Working name：7009 Working name：LCD	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

Explanation for illustration





Cautions for assembling the Wireless harness:
(1) Do not bend the wireless harness.
(2) When it is necessary to pull the wireless harness toward the baciside of the unit during clamping the LCD and Base, do not pull with force; instead, pull the harness backward gently.
(3) When trimming the wireless harnes to the backside of the unit, the harness must not be pressed by the module



Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	#8027 DISPLAY ASS'Y 14.1" FOR-PLASTIC-P14S	86-629005-51	NA	Check the appearance of the LCD and verify the Barcode, and then mount the LCD Module onto the Base Module. Assemble by the following steps: (1) Guide the wireless harness of the LCD through the Upper Cover hole. (2) SAngle the Base slightly and then pull the wireless harness from the backside of the Base slowly. (3) Align the two pivots of the LCD with the holes on the Base and then insert the LCD in place.	During assembly, do not scratch the machine and do not bend or press the wireless harness.	Barcode Machine
	2	NA	NA	NA	Connect the LCD harness to the Base port and then trim the upper part into the gap of the front section, as per the figure.	The harness must be fully inserted and do not press the harness with force.	NA
	3	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252I	41-721026-06	2	Lock two screws to fix the pivots in an a-b sequence. During locking Screw a, the conductive rag must on the LCD wireless must also be locked on the pivot at the same time as per the figure.	The conductive rag on the LCD harness must be squarely mounted.	Electrical screwdriver/Torque: 2.5±0.2Kgf-cm

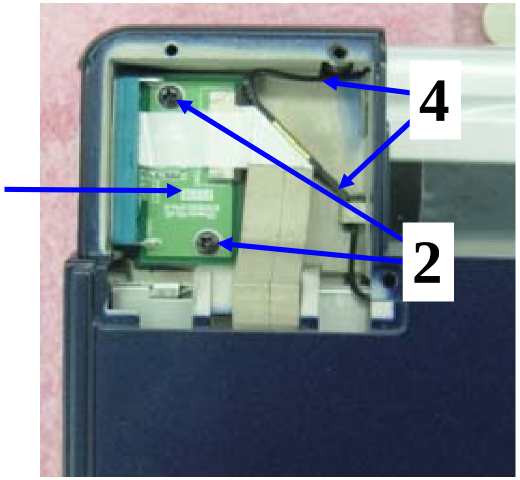
Twinhead Twinhead International (Kunshan) CO.,LTD

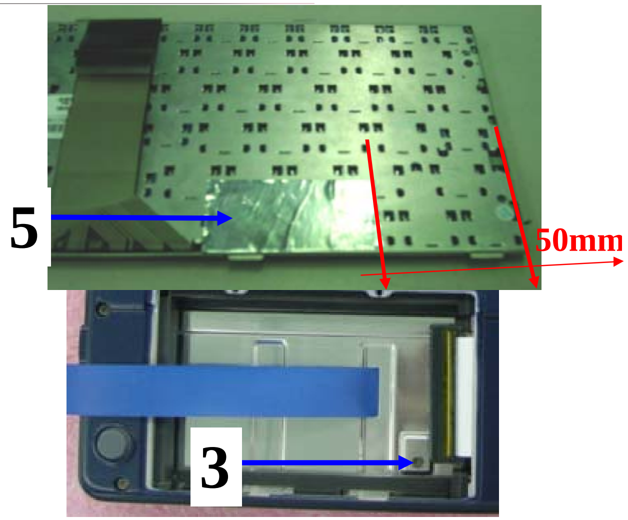
Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7010** **Working name：WIRELESS**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration





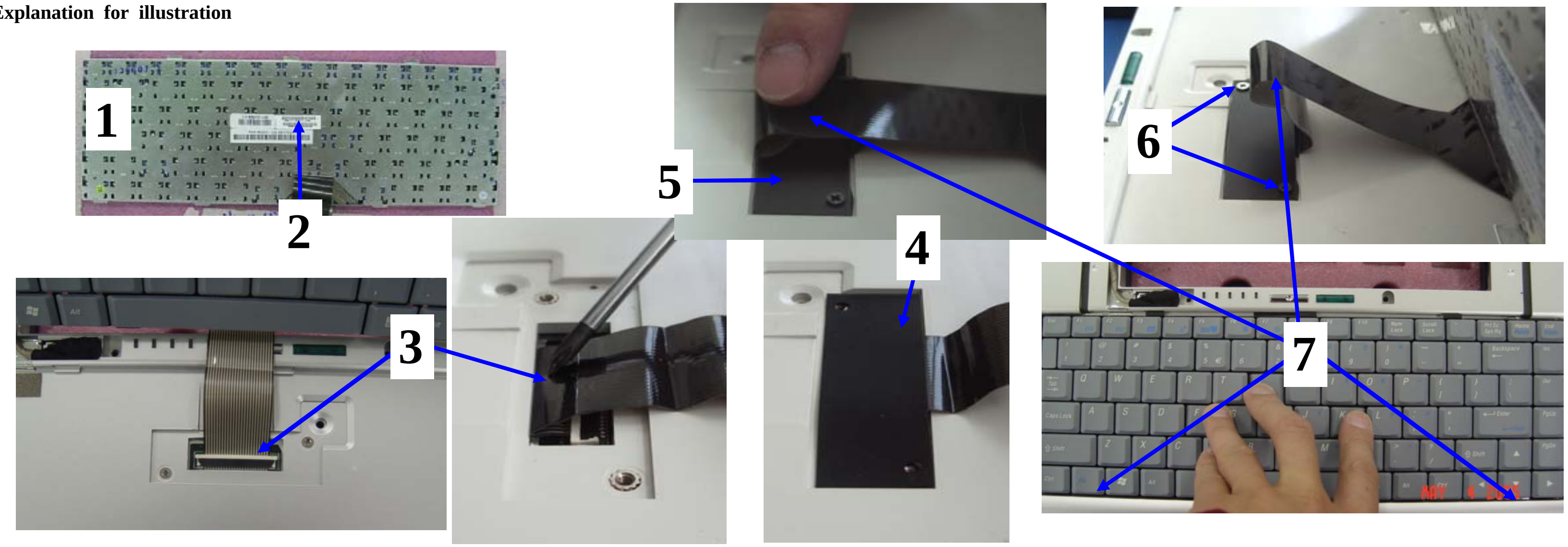
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-PCB ASS'Y-JP-CPM-REV:A-W/MECHANICAL PARTS KIT	80-8A1710-00A	1	Connect the Comport FFC harness with the PCB Assembly according to the figure and the mount it on the Base.	NA	NA
		R14KT1-COMPORT FFC-M/B-CA372	29+016372+00	1		NA	NA
	2	SCREW ISOP-M2.6X8L-BLACK-SELF-LOCKING-B3521P	41-850926-08	2	Lock two screws to fix the small card.	NA	Electrical screwdriver/Torque: 2.0±0.2Kgf-cm
	3	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252I	41-720026-03	1	Lock one screw into the HDD iron frame, as per the figure.	NA	
	4	NA	NA	NA	Connect the wireless transmission harness port and then trim the harness as per the figure.	NA	NA
	5	E12T-AL FOIL FOR K/B BRACKET EMI-E4811A	40-008163-00	1	Affix the aluminum foil along the lower right side of K/B, as per the figure.	The foil must be square.	Bamboo chopsticks

Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7011** **Working name：K/B**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration



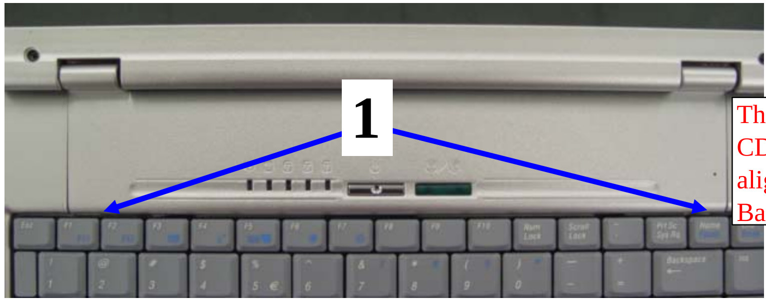
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	K/B-85 KEY-EN-36599#-R14KT1-K981809A1 US-JME	71+839101+00	1	Stick the Key Parts Label on the K/B as per the figure, and then verify the Barcode.	NA	Barcode Machine
	2	KEY PARTS BARCODE LABEL-KL18260	63-250190-00	1			
	3	NA	NA	NA	Connect the K/B harness to the M/B port, as per the figure.	The harness should be fixed securely without loosening.	NA
	4	P14N-K/B RUBBER-E4032B	52-002264-00	1	Stick the Rubber on the upper part of the harness.	The Rubber must align with the screw hole.	NA
	5	P14N-K/B RUBBER COVER-E4075A	52-002276-00	1	Place the K/B Rubber Cover above the K/B Rubber.		NA
	6	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm -BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252I	41-720026-03	2	Lock two screws to fix the K/B harness, as per the figure.	The screws must be locked tightly.	Electrical screwdriver/Torque: 2.0±0.2Kgf-cm
	7	NA	NA	4	Load the K/B in place.	The K/B must grasp four ribs of the Upper Cover.	NA

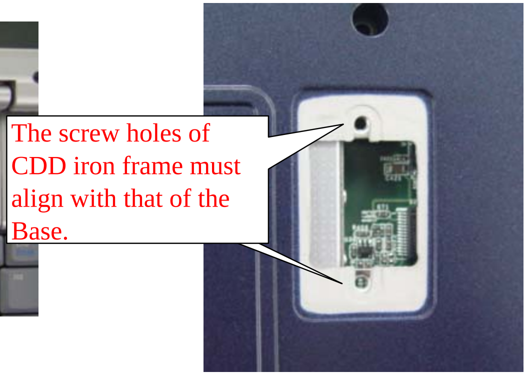
Twinhead S.O.P

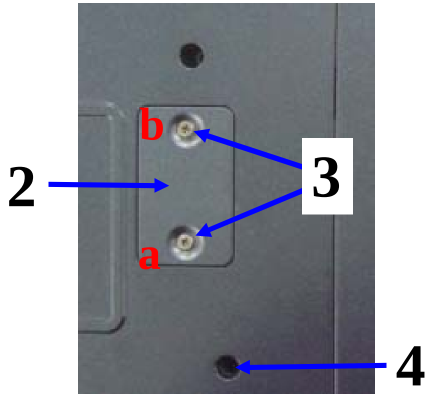
Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7012** Working name：K/B COVER	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration







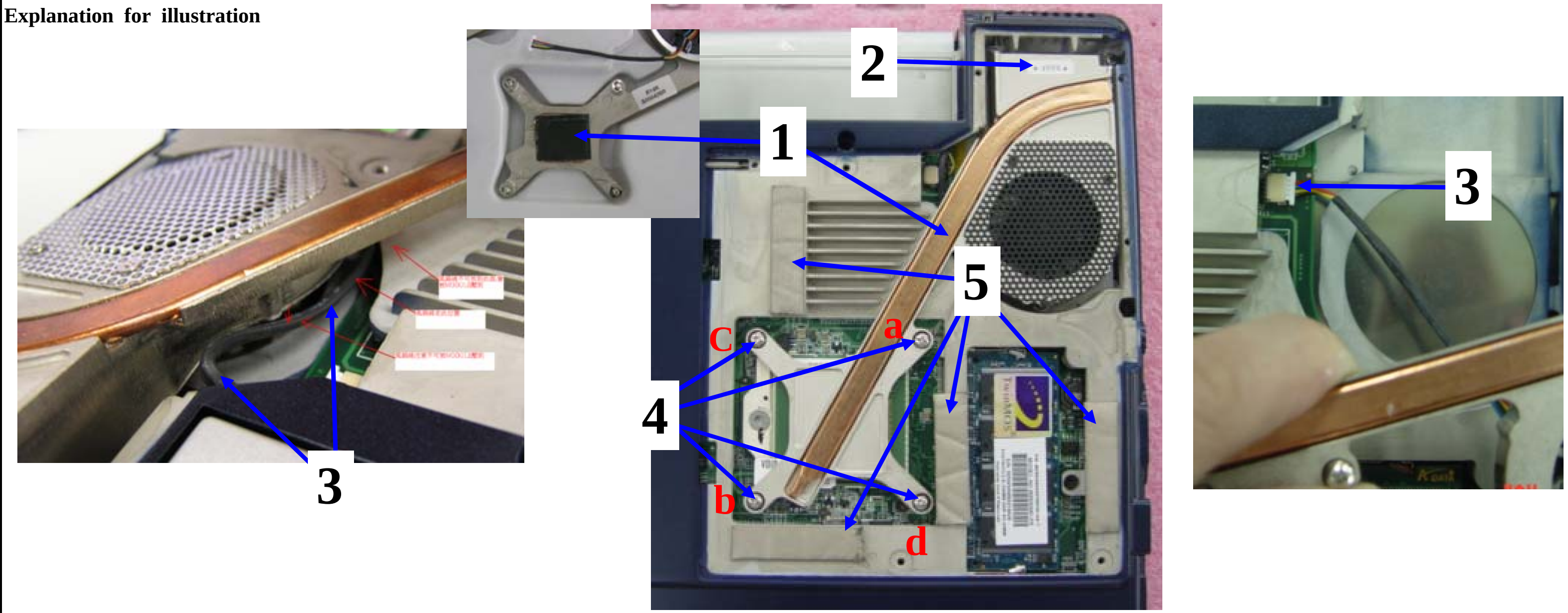
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P14N-#8162 K/B COVER ASS'Y-E1075-12	50-961401-T0	1	Check if the appearance is free from scratches and stains. Upon mounting the K/B Cover on the machine, press the latch at the upper part of the keypad and then load two pivots.	NA	NA
	2	R14KT1-CD-ROM BRACKET DOOR-#8574-E4025	40+011164+60	1	Place the Door Cover of ODD iron frame into the Base slot.	The screw holes must be aligned.	NA
	3	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4424I	41-720926-04	2	Lock two screws on the Base by a-b sequence, as per the figure.	NA	Electrical screwdriver/Torque: 2.0±0.2Kgf-cm
	4	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252H	41-721026-06	1	Lock one screw to fix the Base door cove, as per the figure.	NA	

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Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	Working name：7013 Working name：FAN	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

Explanation for illustration



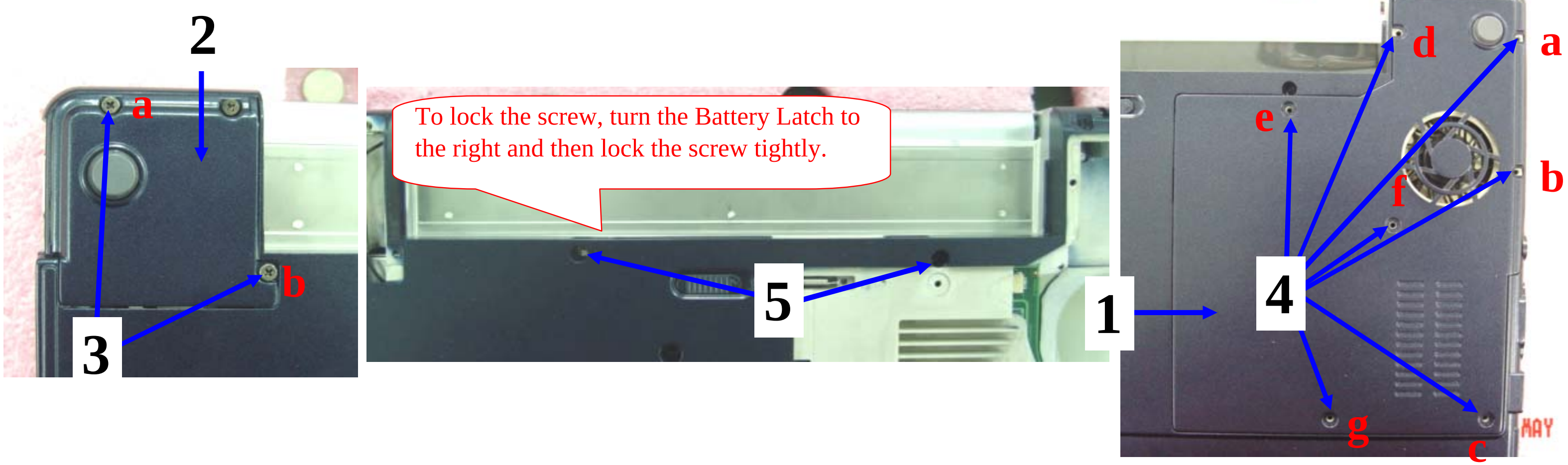
Difference	Operation	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-HEATSINK MODULE W/FAN-D3082	40+003660+00	1	Tear off the Parting Paper from the cooling fan.	The radiating plate of the fan must be affixed squarely without slanting and the surface must be free from scratches.	NA
	2	DATE CODE LABEL (month label)	63-000041-XX	1	Tag the month label according to the position shown in the figure.	NA	NA
	3	NA	NA	NA	Insert the harness of the cooling fan into the M/B port and then trim the harness as per the figure. Mount the cooling fan in the base plate in place.	Keep the fan from pressing against the harness.	NA
	4	NA	NA	4	Lock four screws of the cooling fan in two steps by locking to halfway first and then lock all the screws tightly in an a-b-c-d sequence as per the figure.	The harness should not lift up. During locking the screw, hold the center position of four screws with a hand light.	Electrical screwdriver/Torque: 1.5±0.2Kgf-cm
	5	CONDUCTIVE SPONGE (10X2X40mm)	51-350094-16	4	Stick four 40mm long Conductive Sponges at the lower side of CPU Door according to the position shown in the figure.	NA	NA

Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7014** **Working name：CPU DOOR**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration

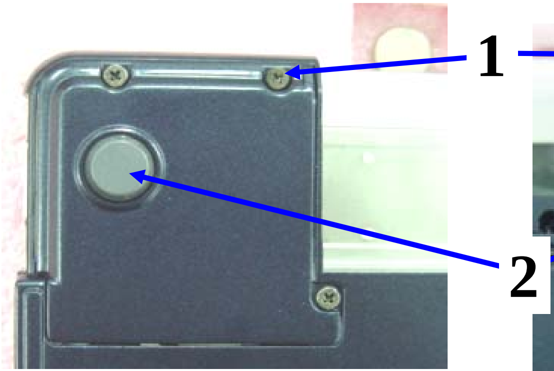


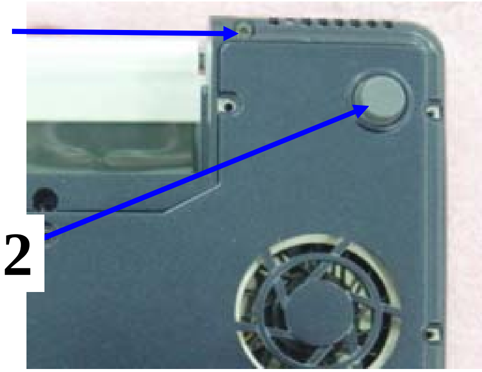
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-CPU DOOR-#8750-M-D3081	40+006200+00	1	Load the CPU Door Cover into the base plate slot in place.	The screw holes must be aligned.	NA
	2	R14KT1-COMMUNICATION DOOR-#8750-M-F4319	40+006201+00	1	Load the Communication Door Cover into the base plate slot.	The screw holes must be aligned.	NA
	3	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4424I	41-720926-04	2	Lock two screws onto the base plate in an a-b sequence as per the figure.	Before locking the screw, check the wire under the door cover whcih should not lift from the base or be squeezed by the door cover.	Electrical screwdriver/Torque: 2.0±0.2Kgf-cm
	4	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4424I	41-720926-04	7	Lock seven screws onto the base plate in an a-b-c-d-e-f-g sequence as per the figure (a and c screws are required for the Barebone Machine).	The screw holes must be aligned.	
	5	SCREW ISOP-M2.6X8L-BLACK-SELF-LOCKING-B3521P	41-850926-08	2	Lock two screws onto the backside of the Base according to the position shown in the figure.	NA	

Twinhead S.O.P Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7015** **Working name：COMM DOOR**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

Explanation for illustration







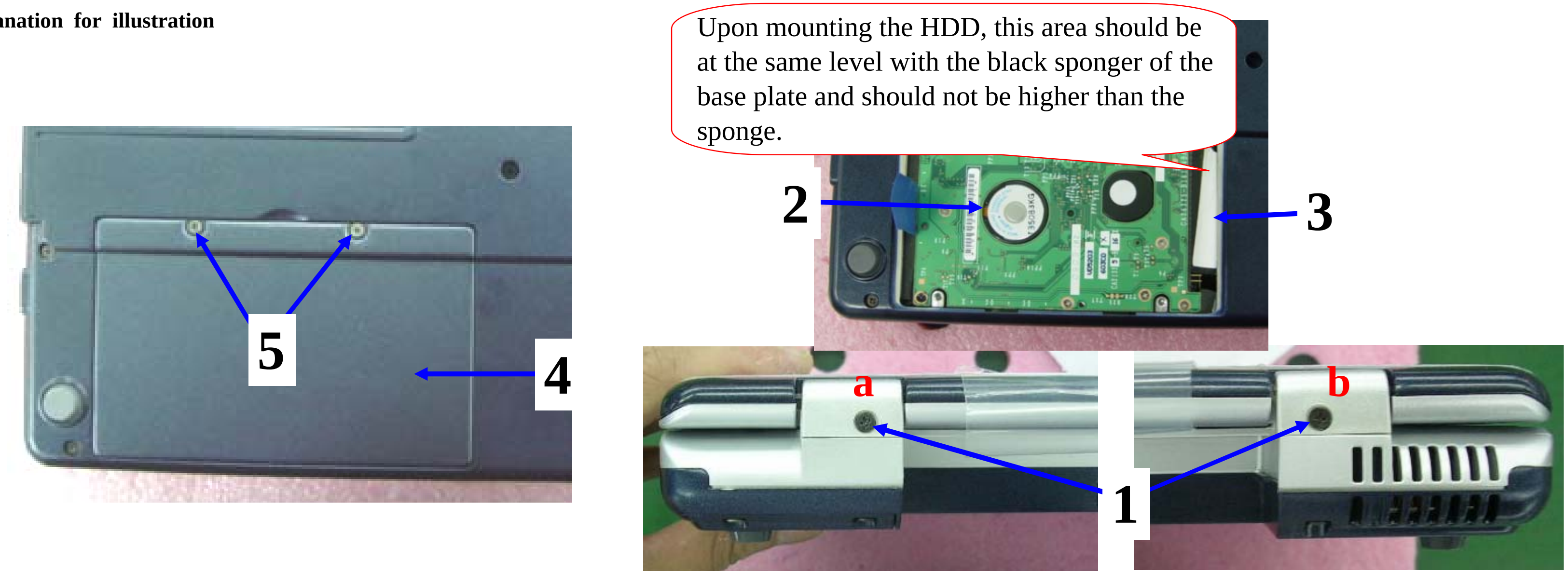
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	SCREW ISOT-M2.6X6L ∮D4.5/H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252I	41-721026-06	2	Lock two screws on the base plate to fix the pivots according to the position shown in the figure.	NA	Electrical screwdriver/Torque: 3.0±0.2Kgf-cm
	2	A2121-FOOT RUBBER-D49260	52-000040-00	2	Stick the Rubber pad into the slot of the Base Door Cover, as per the figure.	Floating rubber pad is now allowed.	NA
	3	M1G,M1L-STAND OFF 4#-40 UNC W/NYLOK-L=9.5mm-C46390	40-010954-00	2	Lock two screws to fix the port at the upper right corner of the Base according to the position shown in the figure.	NA	Manual Inner Hexa-head Screwdriver/Torque: 1.5±0.2Kgf-cm

Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	Working name：7016 Working name：HDD	Revision： 0	Manufacturing Section：PE Date： 2005.07.23

Explanation for illustration



Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	SCREW ISOT-M2.6X6L ∮D4.5/H0.8 mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252I	41-721026-06	2	Lock two screws to fix the pivots in an a-b sequence as per the figure.	NA	Supporting Jig/Electrical screwdriver/Torque: 1.5±0.2Kgf-cm
	2	HDD MODULE ASS'Y	NA	1	Check the appearance of the HDD and then verify the Barcode.	The HDD Pin should be square without slanting.	Barcode Machine
	3	NA	NA	NA	Insert the HDD into the HDD harness port and then mount the HDD into the base plate.	The HDD Pin must be fully inserted.	NA
	4	R14KT1-HDD DOOR-#8574-C3516	40+011160+80	1	Mount the HDD Door Cover into the base plate.	The screw holes must be aligned.	NA
	5	SCREW ISOT-M2.6X3L ∮D4.5/H0.8 mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252I	41-720026-03	2	Lock two screws onto the base plate in an a-b sequence as per the figure.	NA	Electrical screwdriver/Torque: 1.5±0.2Kgf-cm

Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P：R14KT System Ass'y SOP	**Working name：7017** **Working name：Appearance Inspection**	**Revision： 0**	Manufacturing Section：PE **Date： 2005.07.23**

For the operation of this station, please refer to QC Inspection Specification.

Operating Item	Inspect Item	(Working Notice)
1	Battery Latching	The battery should not fall or loosening. The latch sliding should be smooth and the trip can successfully bounce back to the original position.
2	K/B base rubber pad.	The Rubber Pad should be affixed properly without falling, missing parts, damage, floating or the glue overflow.
3	Screws on themachine b	Visually check all screw holes to see if the screws are missing or loosening.
4	FCC safety label.	The nameplate and label should be free of missing, floating, glue overflow or damage. The printing should be clear and the content must be in line with the machine model. The nameplate and label should not exceed the edge of slot, if provided.
5	Serial number label	
6	COA label	
7	Other labels on the base plate.	
8	LCD latch catching.	Push the center of the LCD Module front edge with thumb to open the closed machine. The latch should not be too tight or too loose and the opening force should be 500~1,000g.
		Push against the center of the LC Module front edge and press downward to clamp the LCD and the base plate and the latch can be pushed into the base plate slot smoothly.
9	LCD Pivot	Hold the Display Module with one hand and push forward for about 5° and then lift backward for 150° . Repeat three time and noise is not allowed during the LCD shaking process.
10	LCD covering rubber	Visually check if the pad is affixed properly (without slanting or exceeding the
11	Keyboard push key touc	Press the push key with a finger to make sure that the action is normal without
12	Keyboard push key appearance.	The printing should be clear without broken line. The push key should be properly assembled without loosening and the language version is the same as
13	M/B Upper Cover K/B Latch	The K/B Latch should not break or have the whitening or bulging sign. After being assembled, the K/B Latch should protrude to fix the K/B securely in place.
14	Touch Pad Push Key	Press the upper left/upper right/lower left/lower right/center push keys with second finger respectively and the "Da Da" sound should be heard clearly.
15	Browse Push Key	Press the push key with second finger and the "Da Da" sound should be heard clearly.
16	Icon LED Shade	The lamp shade should not break.
17	Machine internal assembly	The abnormal noise should not be heard when shaking the unit toward left and right
18	Symbol printing of terminals and slots.	The pattern should be clear without broken printing line.

Operating Item	Inspect Item	(Working Notice)
1	The left and right gaps between the Pivot Cover and the Base.	Gap ≦ 1.5mm
2	The top and bottom gaps between the Pivot Cover and the Base.	Gap ≦ 0.3mm
3	The gap around the K/B and that after combining with the assembled machine	Gap ≦ 1.0mm
4	The gap around the power switch push button	Gap ≦ 0.5mm
5	The gap around the Touch Pad push keys.	Gap ≦ 1.0mm
6	The gap between ODD Cover and CPU Cover and that after combining with the assembled machine.	Gap ≦ 0.5mm
7	The assembling gap between the battery and the machine.	Gap ≦ 1.0mm
8	The upper and lower gaps between the ODD Panel and the assembled machine.	Gap ≦ 0.5mm
9	The clamping gap between the upper and lower covers of the M/B.	Gap ≦ 0.8mm
10	The assembly gap of the Icon (Speaker) Cover.	The K/B push key should not be lower than the Upper Cover of the base plate.
11	The height difference between the assembled K/B and the upper cover of base plate.	DL ≦ 0.3mm
12	The height difference between the Touch Pad push key and the base plate.	DL ≦0.3mm
13	The height difference between the left and right push keys.	The push key should not be lower than the base plate for ≦ 0.3mm.
14	The upper and lower height difference between the left and right push keys of the	DL ≦ 1.0mm
15	The height difference between the HDD Cover/CPU Cover and the lower cover the base plate after the assembly.	DL ≦ 0.5mm
16	The height difference between the battery and the machine base plate after assembly.	DL ≦ 0.3mm
17	The height difference between the ODD and the machine after assembly.	DL ≦ 0.5mm
18	The clamping height difference between the upper and lower covers of the base plate.	DL ≦ 0.5mm
19	The height difference between the PCMCIA Push Lever and the base plate.	DL ≦ 0.3mm
20	The height difference between the ODD Luck Key (when opened) and the protrusion	Gap ≦ 0.8mm
21	The clamping joint between the LCD Panel and the Rear Cover.	A,B面Gap ≦ 0.3mm ，C面 Gap ≦ 0.5mm A, B side Gap ≦ 0.3mm, C side Gap ≦ 0.5mm
22	The gap between the LCD Panel and the LCD Glass (including the LCD iron plate).	Gap ≦ 0.8mm
23	The assembly height difference between the LCD Panel and the Rear Cover.	DL ≦ 0.3mm

Twinhead S.O.P

Document NO: TESOP659

Name of S.O.P ：R14KT System Ass'y SOP	Working name ：7018 Working name：Appearance Inspection	Revision ： 0	Manufacturing Section：PE Date ： 2005.07.23

For the operation of this station, please refer to QC Inspection Specification.

Operating Item	Inspect Item	(Working Notice)
1	Battery Latching	The battery should not fall or loosening. The latch sliding should be smooth and the trip can successfully bounce back to the original position.
2	K/B base rubber pad.	The Rubber Pad should be affixed properly without falling, missing parts, damage, floating or the glue overflow
3	Screws on the machine backside surface.	Visually check all screw holes to see if the screws are missing or loosening.
4	FCC safety label.	The nameplate and label should be free of missing, floating, glue overflow or damage. The printing should be clear and the content must be in line with the machine model. The nameplate and label should not exceed the edge of slot, if provided.
5	Serial number label.	
6	COA label	
7	Other labels on the base plate.	
8	LCD latch catching.	Push the center of the LCD Module front edge with thumb to open the closet machine. The latch should not be too tight or too loose and the opening force should be 500~1,000g. Push against the center of the LC Module front edge and press downward to clamp the LCD and the base plate and the latch can be pushed into the base plate slot smoothly.
9	LCD Pivot	Push against the center of the LC Module front edge and press downward to clamp the LCD and the base plate and the latch can be pushed into the base plate slot smoothly.
10	LCD covering rubber	Visually check if the pad is affixed properly (without slanting or exceeding the
11	Keyboard push key touch feeling.	Press the push key with a finger to make sure that the action is normal without wobbling.
12	Keyboard push key appearance.	The printing should be clear without broken line. The push key should be properly assembled without loosening and the language version is the same as
13	M/B Upper Cover K/B Latch	The K/B Latch should not break or have the whitening or bulging sign. After being assembled, the K/B Latch should protrude to fix the K/B securely in place.
14	Touch Pad Push Key	Press the upper left/upper right/lower left/lower right/center push keys with second finger respectively and the "Da Da" sound should be heard clearly.
15	Browse Push Key	Press the push key with second finger and the "Da Da" sound should be heard clearly.
16	Icon LED Shade	The lamp shade should not break.
17	Machine internal assembly	The abnormal noise should not be heard when shaking the unit toward left and right
18	Symbol printing of terminals and slots.	The pattern should be clear without broken printing line.

Operating Item	Inspect Item	(Working Notice)
1	The left and right gaps between the Pivot Cover and the Base.	Gap ≦ 1.5mm
2	The upper and lower gaps between the Pivot Cover and the Base.	Gap ≦ 0.3mm
3	The gap around the K/B and that after combining with the assembled machine	Gap ≦ 1.0mm
4	The gap around the power switch push button	Gap ≦ 0.5mm
5	The gap around the Touch Pad push keys.	Gap ≦ 1.0mm
6	The gap between ODD Cover and CPU Cover and that after combining with the assembled machine.	Gap ≦ 0.5mm
7	The assembling gap between the battery and the machine.	Gap ≦ 1.0mm
8	The upper and lower gaps between the ODD Panel and the assembled machine.	Gap ≦ 0.5mm
9	The clamping gap between the upper and lower covers of the M/B.	Gap ≦ 0.8mm
10	The assembly gap of the Icon (Speaker) Cover.	The K/B push key should not be lower than the Upper Cover of the base plate.
11	The height difference between the assembled K/B and the upper cover of base plate.	DL ≦ 0.3mm
12	The height difference between the Touch Pad push key and the base plate.	DL ≦0.3mm
13	The height difference between the left and right push keys.	The push key should not be lower than the base plate for ≦ 0.3mm.
14	The upper and lower height difference between the left and right push keys of the	DL ≦ 1.0mm
15	The height difference between the HDD Cover/CPU Cover and the lower cover the base plate after the assembly.	DL ≦ 0.5mm
16	The height difference between the battery and the machine base plate after the	DL ≦ 0.3mm
17	The height difference between the ODD and the machine after the assembly.	DL ≦ 0.5mm
18	The clamping height difference between the upper and lower covers of the base plate.	DL ≦ 0.5mm
19	The height difference between the PCMCIA Push Lever and the base plate.	DL ≦ 0.3mm
20	The height difference between the ODD Luck Key (when opened) and the protrusion	Gap ≦ 0.8mm
21	The clamping joint between the LCD Panel and the Rear Cover.	A, B side Gap ≦ 0.3mm, C side Gap ≦ 0.5mm
22	The gap between the LCD Panel and the LCD Glass (including the LCD iron plate).	Gap ≦ 0.8mm
23	The assembly height difference between LCD Panel and the Rear Cover.	DL ≦ 0.3mm

R14KT Pre-Assembly SOP		**DOCUMENT CODE:TESOP657** **REVISION: 0** **RELEASE DATE:** **PAGE: 13 (total 14 pages)**	
DESCRIPTION	**PREPARED BY**	**CONCURRED BY**	**APPROVED BY**
1. NEW RELEASE	PE: Li-Shing 2005.07.23	Manufacturing; QC	

Twinhead

Twinhead International (Kunshan) CO.,LTD

R14KT Pre-assembly SOP

Document NO: TESOP657

Page number/Version List: REV: 0

R14KT Pre-assembly SOP Table of Contents/Manpower Breakdown:	
1. SOP Table of Contents	P.01
2. Unit Assembly Material List/Operation Instructions/Figures	P.2~P.13
1. 6501 Upper Cover Assembly Diagram (7 persons)	P.02 ~ P.08
2. 6502 Lower Cover Assembly Diagram (2 persons)	P.09 ~ P.10
3. 6504 ODD Assembly Diagram (2 persons)	P.11~ P.12
4. 6506 HDD Assembly Diagram	P.13
3. Tools used: Tape stand, electrical screwdriver and bamboo chopsticks.	
Actual materials shall be used according to BOM.	
This SOP applies to the R14KT model pre-assembly work.	

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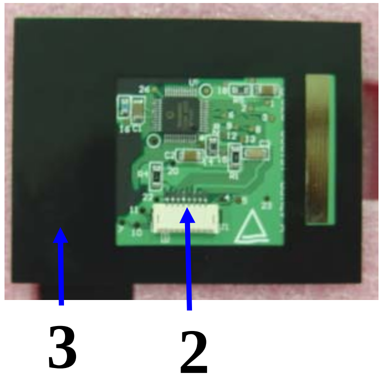
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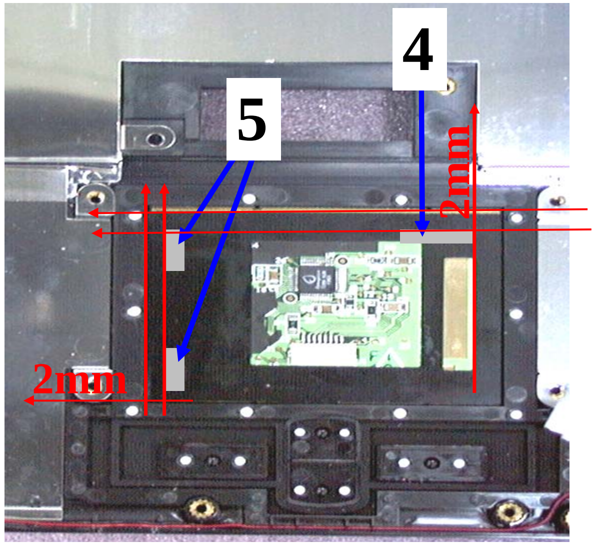
Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-1**	Revision： 0	Manufacturing Section : PE Date : 2005.07.23

Explanation for illustration







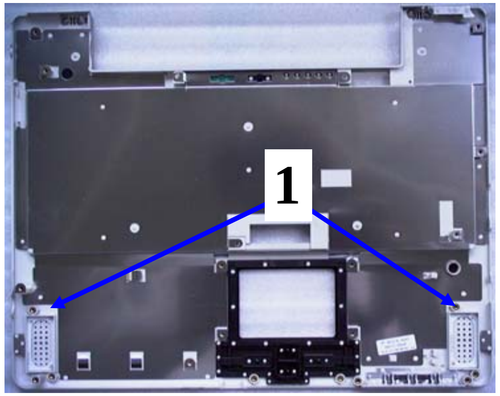
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-#8028 UPPER COVER ASS'Y-E1120-03	50-968201-02	1	Check if the Upper Cover is free from scratches and bruise defects.	NA	NA
	2	TOUCH PAD-SYNAPTICS-TM41PDR-2350-9100	73-080052-00	1	After checking the appearance of the Touch Pad, stick the Mylar onto the Touch Pad according to the direction shown and then load the Touch Pad into the Upper Cover slot as per the figure.	Assemble from the port located at the under part.	NA
	3	P14N-TOUCHPAD SYNAPTICS MYLAR-E40660	50-023256-00	1		Stick the Mylar.	NA
	4	CONDUCTIVE SPONGEB(5X2X15mm)	51-350094-01	1	Take one piece of sponge and then stick it onto the upper right corner of the Touch Pad according to the position shown in the figure.	Maintain a minimum distance of 2mm from the edge.	NA
	5	CONDUCTIVE SPONGEB(5X2X7mm)	51-350094-01	2	Stick two pieces of conductive sponge onto the left side of Touch Pad according to the position shown in the figure.	Maintain a minimum distance of 2mm from the edge	NA

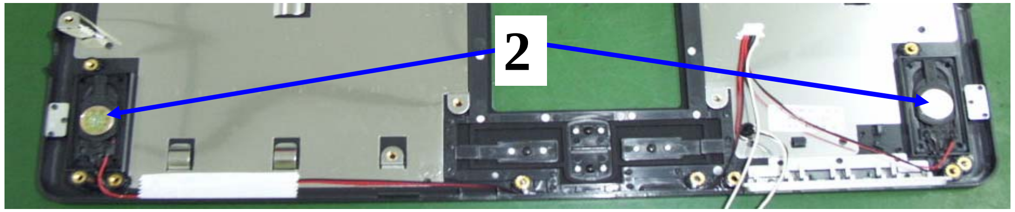
Twinhead Twinhead International (Kunshan) CO.,LTD

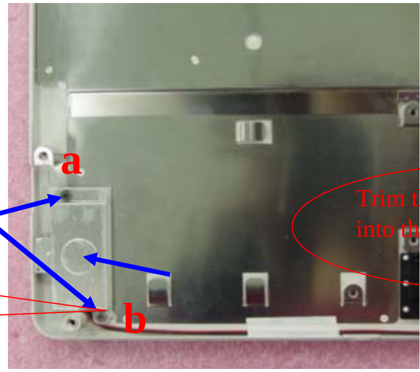
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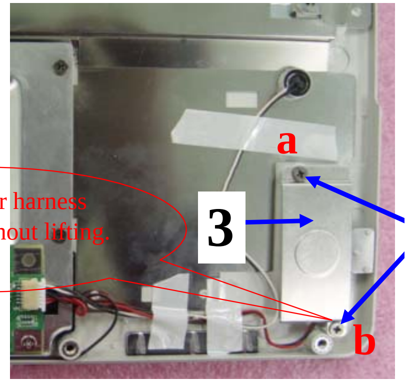
Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-2**	Revision : 0	Manufacturing Section : **PE** Date : 2005.07.23

Explanation for illustration









Trim the Speaker harness into the slot on the left side of stud without lifting.

Trim the speaker harness into the slot without lifting.

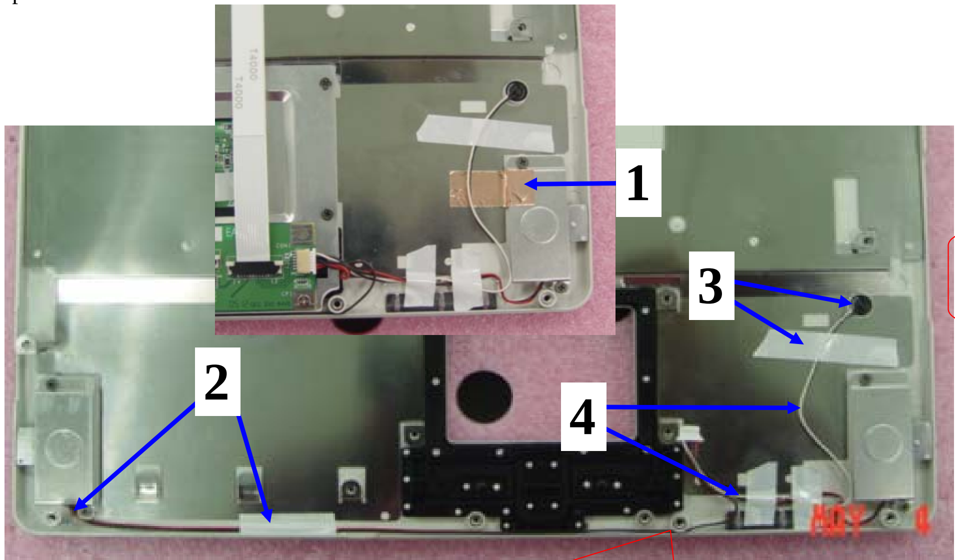
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	NA	NA	2	Strip the self-glue paper on both sides of the Speaker slot s.	NA	Bamboo chopsticks
	2	SPK (R)(L) W/MICROPHONE-W/O RUBBER-E4055A-SPK ZK-351602P&MIC OB-27L-44-P14N	22-300037-01	1	Load the left and right speakers into the left and right slots respectively, with the shorter harness used for the right side and the longer one for the left side.	NA	NA
	3	P14N-SPEAKER COVER-E40170	40-002243-00	2	Assemble the iron plate on the upper part of the Speaker.	Align the screw holes and trim the Speaker harness into the slot.	NA
	4	SCREW ISOT-M2.6X3L ∮D4.5/H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252H	41-720026-03	4	Fix the Speaker Cover with four screws with an a-b sequence.	Keep the iron plate from pinching the harness.	Electrical screwdriver/Torque: 1.5± 0.2Kgf-cm

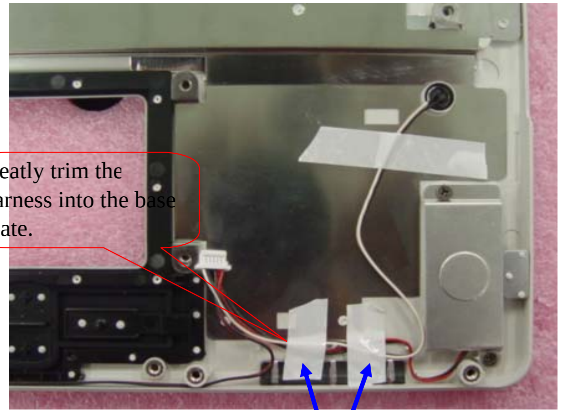
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Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-3**	Revision： 0	Manufacturing Section : PE Date : 2005.07.23

Explanation for illustration





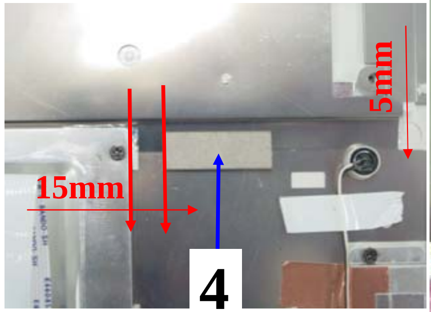
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	A5000M-K/B SHIELDING ESD CU-FOIL U-D4837	40-007050-50	1	Stick the copper foil for connecting the iron plate of the Speaker and that inside the Upper Cover.	The foil must be flat and the bending portion must be trimmed into right angles.	NA
	2	ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm (about 5cm)	27-309090-00	1	Trim the harness on the left side of Speaker as per the figure and then fix it with one piece of tape.	The left-side harness must attach to the lower side and should not be folded vertically.	Tape stand
	3	P78-MICRO PHONE RUBBER-B4549A	50-040167-00	1	Set the Rubber on the Microphone. Load the Microphone into the Locating Slot in place and then fixed with one piece of tape, as per the figure.	NA	
	4	NA	NA	NA	Trim the harness on the right side of the Speaker, as per the figure.	The harness must be trimmed into the locating pole above the lamp shade.	NA
	5	ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm (about 3cm)	27-309090-00	2	Fix the Speaker harness with tape according to the figure.	NA	Tape stand

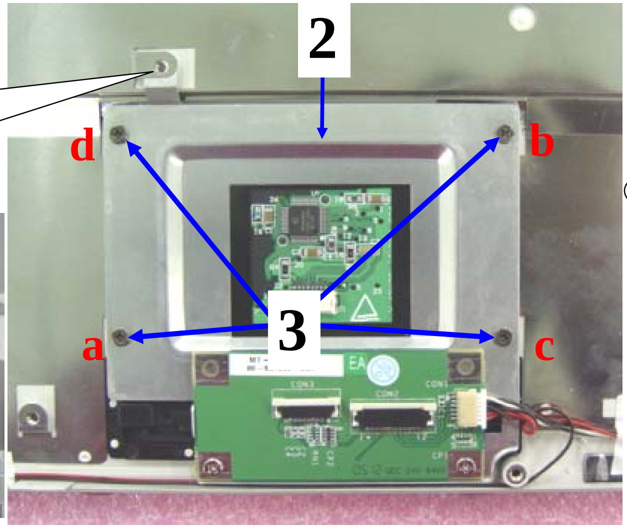
Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-4**	Revision : 0	Manufacturing Section : **PE** Date : 2005.07.23

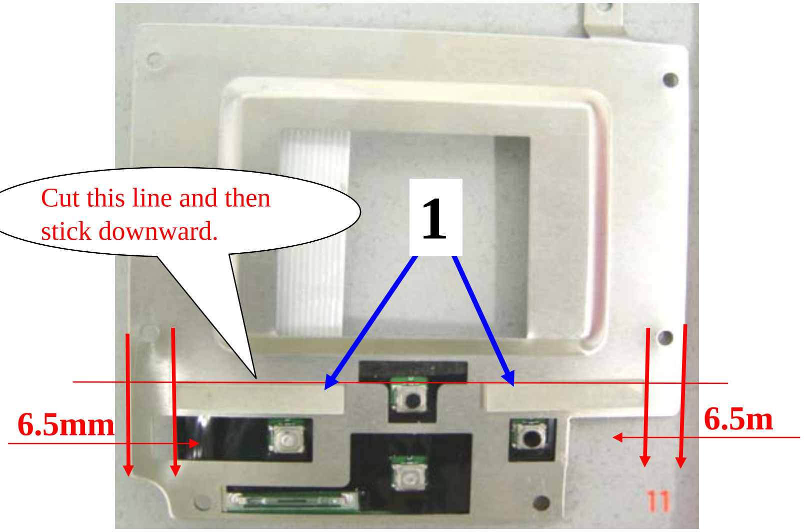
Explanation for illustration

Insert the upper protrusion of theTouch Pad Bracket into the lower side of the Upper Cover iron plate.





Cut this line and then stick downward.

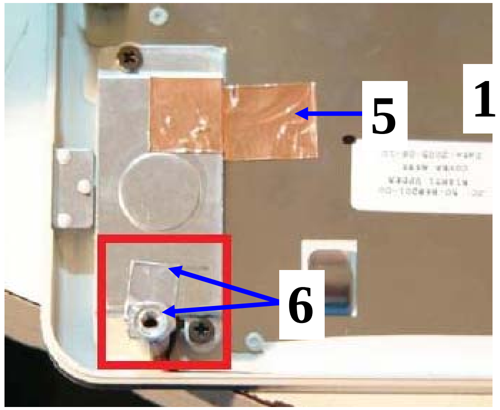


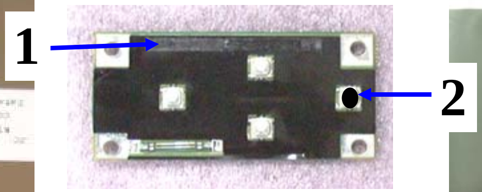
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P14N3-MYLAR FOR TOUCHPAD BRACKET-E45020	50-023390-00	2	After checking the appearance, stick the Sponge onto the Bracket shown in the figure and then assemble the Bracket on the Touch Pad.	Cut along the red line for sticking.	NA
	2	P14N-TOUCHPAD BRACKET-B225	40-031362-00	1		Align with the screw holes .	NA
	3	SCREW ISOT-M2.6X3L ∮D4.5/ H0.8mm-BLACK NI+SELF LOCKING-HEAT TREATMENT-B2252H	41-720026-03	4	Fix the Touch Bracket with screws in an a-b-c-d sequence.	NA	Electrical Screwdriver/Torque: 1.5± 0.2Kgf-cm
	4	CONDUCTIVE SPONGE(9X3.5X25mm)	51-350094-05	1	Cut along the red line and then stick 25mm long Conductive Sponge onto the Upper Cover according to the position of the figure.	NA	NA

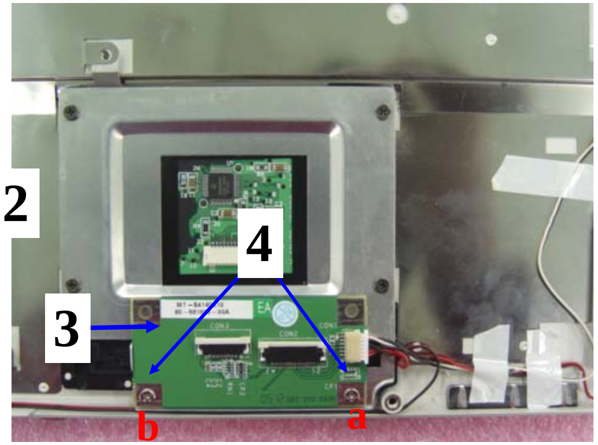
Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-5**	Revision : 0	Manufacturing Section : PE Date : 2005.07.23

Explanation for illustration







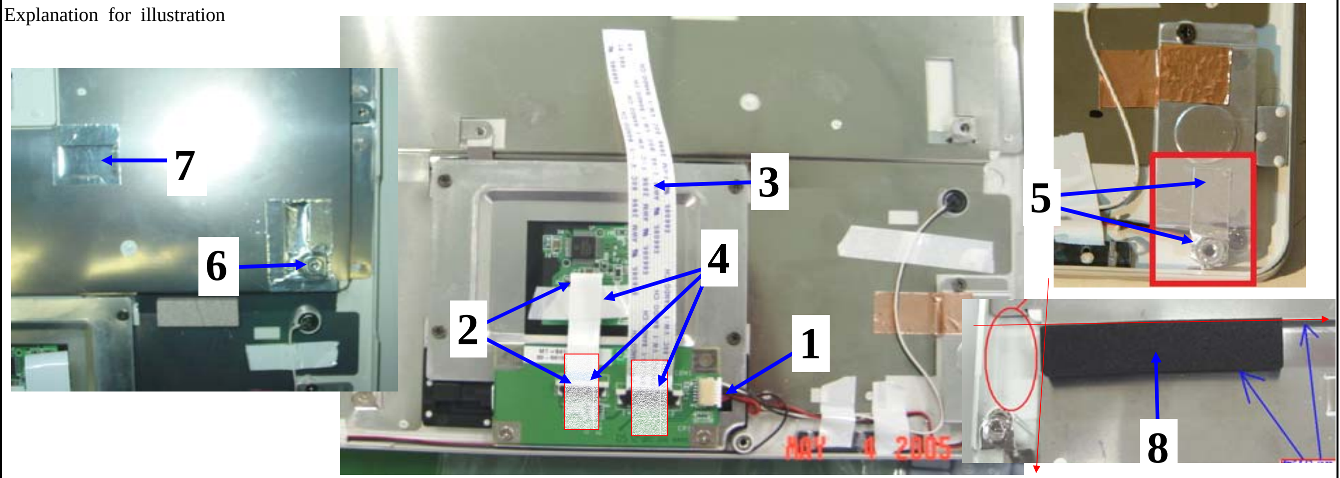
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	80-561000-00A	1	Check the appearance and then strip the double-face tape on the small card.	NA	NA
	2	P14N-SWITCH MYLAR-KL18850	50-023263-00	1	Stick one piece of black Mylar onto the upper part of Switch, as per the figure.	NA	NA
	3	NA	NA	1	Assemble the Touch Pad PCB Ass'y on the iron plate and fix it in place (align along the lower left side) and then align the screw holes in the direction shown in the figure.	The small card port faces rightward.	NA
	4	SCREW ISOT-2.6X4L-BLACK-NYLOK-B4424H	41-720926-04	2	Fix the small card with screws by a-b sequence.	NA	Electrical Screwdriver/Torque: 1.5± 0.2Kgf-cm
	5	A5000M-K/B SHIELDING ESD CU-FOIL U-D4837	40-007050-50	1	Stick the copper foil for connecting the Speaker Iron Plate and the Upper Cover.	The foil should be flat and the bending portion must be trimmed into right angle.	NA
	6	R14KT1-UPPER COVER SPEAKER AL-FOIL-F4459	40+008281+00	1	Stick the aluminum foil onto the stud by the position shown in the figure, and then press the surface contacing the Speaker Iron Plate with bamboo chopsticks.	The opening under the aluminum foil must be spliced with the screw hole.	Bamboo chopsticks

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Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-6**	Revision： 0	Manufacturing Section : **PE** Date : 2005.07.23

Explanation for illustration

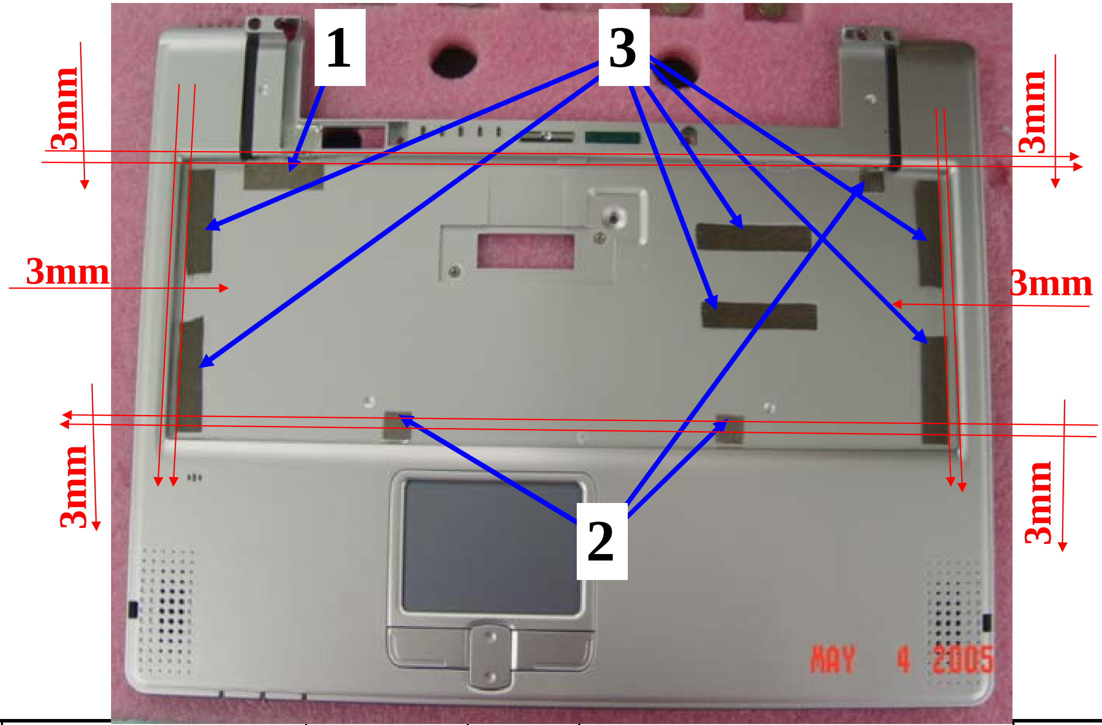


Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	NA	NA	1	Turn the Speaker port two rounds in a counter clockwise direction and then connect with that of the PCB.	NA	NA
	2	A2121-FFC TOUCHPAD TO TOUCHPAD PCB-8 PIN-CA287B	29-160287-01	1	Connect the FFC harness to the ports on the small card and the Touch Pad.	With the blue Mylar of FFC facing upward (the text side faces downward), and then connect it to the port.	NA
	3	P02G-TPD-PCB/MB FFC-P1.0x12P-CA250B	29-160250-00	1	Connect the FFC harness to the port on the right side of the small panel.	Insert with the text side faces upward	NA
	4	ALL MODEL-INSULATING TAPE-10mmX66m,T=0.5mm (3cm)	27-309090-00	3	Fix the FFC and Speaker harness with tape accoding to the figure.	NA	Tape stand
	5	R14KT1-UPPER COVER SPEAKER AL-FOIL-F4459	40+008281+00	1	Stick the aluminum foil onto the stud according to the postion shown, and flatten the surface contacting the Speaker iron plate with bamboo chopsticks.	The opening under the aluminum foil must be spliced with the screw hole.	Bamboo chopsticks
	6	P14N-BOSS FOIL-E41850	40-008055-00	1	Stick the aluminum foil onto the stud on right side of Upper Cover and the upper opening by the position shown in the figure.	The foil must be spliced to the screw hole.	Bamboo chopsticks
	7	R15B-AL FOIL FOR CPU MODULE-F42450	40-008192-00	1	Stick the aluminum foil onto the hole at the middle of Upper Cover according to the figure.	NA	Bamboo chopsticks
	8	R14KT1-UPPER COVER SPONGE-F4478	51+036331+00	1	Stick one piece of Sponge onto the Upper Cover according to the position shown in the figure.	The Sponge must be square without slanting.	NA

Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **UPPER COVER SOP**	Working name : **6501-7**	Revision : 0	Manufacturing Section : PE Date : 2005.07.23

Explanation for illustration

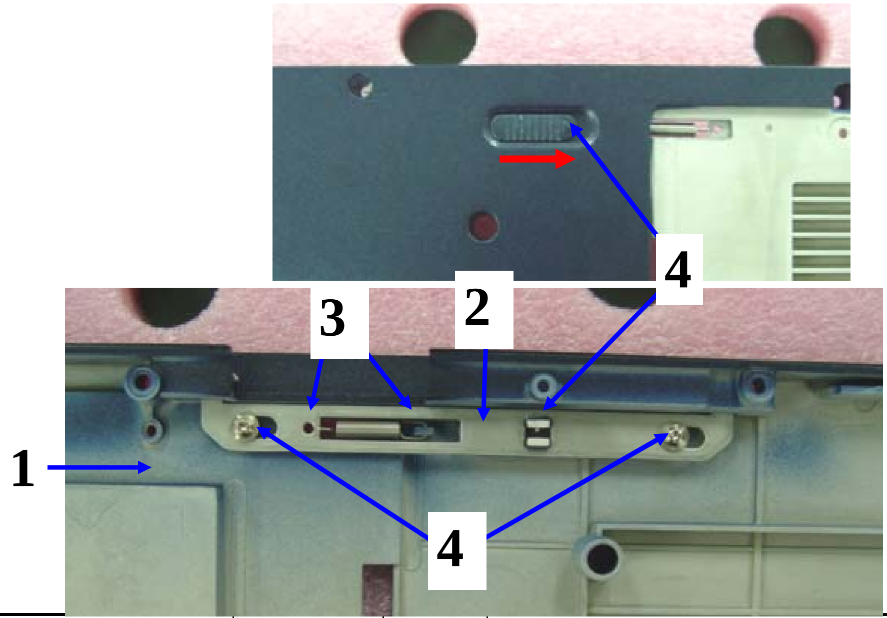


Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	P14N-GASKET TAPE-D4877A (30X10X0.7mm)	27-300051-30	1	Stick the Gasket Tape onto the Upper Cover by the position shown in the figure.	NA	NA
	2	N222S1-GASKET TAPE-D4877A (10X10X0.7mm)	27-300051-20	3	Stick the Gasket Tape onto the Upper Cover by the position shown in the figure.	NA	NA
	3	N222S1-GASKET TAPE-D4877A (80X10X0.7mm)	27-300051-10	3	Cut the Gasket Tape from the middle part and then stick them onto the four corners and the right side of the Upper Cover, as per the figure.	NA	NA

Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **LOWER COVER SOP**	Working name : **6502-1**	Revision： 0	Manufacturing Section : P**E** Date : 2005.07.23

Explanation for illustration

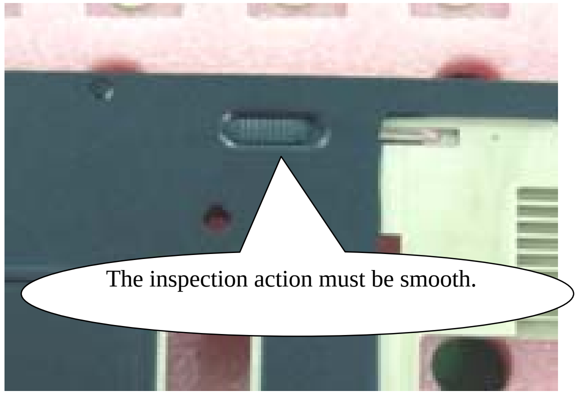


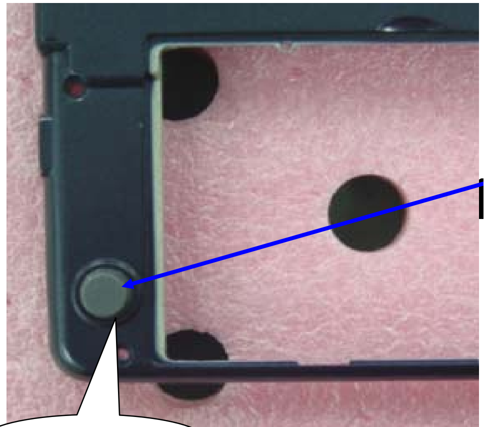
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	R14KT1-LOWER COVER-#8750-M-B1392	40+002560+01	1	Check the appearance of the Lower Cover, which must be free of stains or scratch defects.	NA	NA
	2	N222S1-BATTERY HOOK-B3377A	40-006040-00	1		The Latch must be properly assembled and fully exposed.	Flat-slot screwdriver.
	3	N222S1-BATTERY LATCH SPRING-D47900	40-011951-00	1	Secure the left side of spring on the Hook, with the right side grasping the Lower Cover. Load the Battery Hook onto the base plate, and then assemble the Battery Latch into the hook with a flat-headed screwdriver.	The spring must be assembled according to the direction shown in the figure without being installed reversely.	NA
	4	R14KT1-BATTERY LATCH-#8574-C3514	50+043041+30	1		The arrow direction faces towards the right.	NA
	5	SCREW BPS/W (∮5.5)-M2X3L-NYLOK-B3892B	41-420520-03	2	Fix the Battery Hook with screw according to the figure.	NA	Electrical Screwdriver/Torque: 1.5± 0.2Kgf-cm

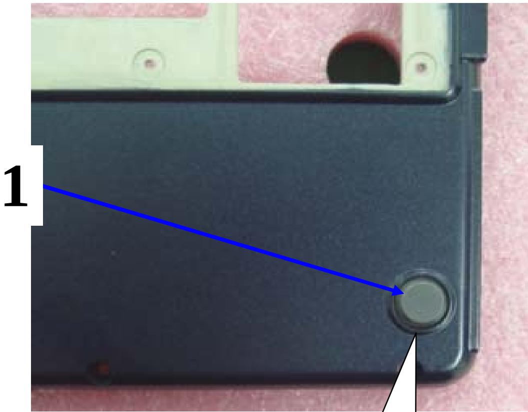
Twinhead S.O.P Document NO: TESOP657

Name of S.O.P : R14KT **LOWER COVER SOP**	Working name : **6502-2**	Revision : 0	Manufacturing Section : P**E** Date : 2005.07.23

Explanation for illustration







Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
	1	A2121-FOOT RUBBER-D49260	52-000040-00	2	Stick the Shoe Pad onto the base according to the position shown in the figure.	The Shoe Pad must be affixed in the slot without floating.	NA
	2	NA	NA	1	Check that step have not been missed, and then pack the Lower Cover in the bag for loading in the carton.	NA	NA

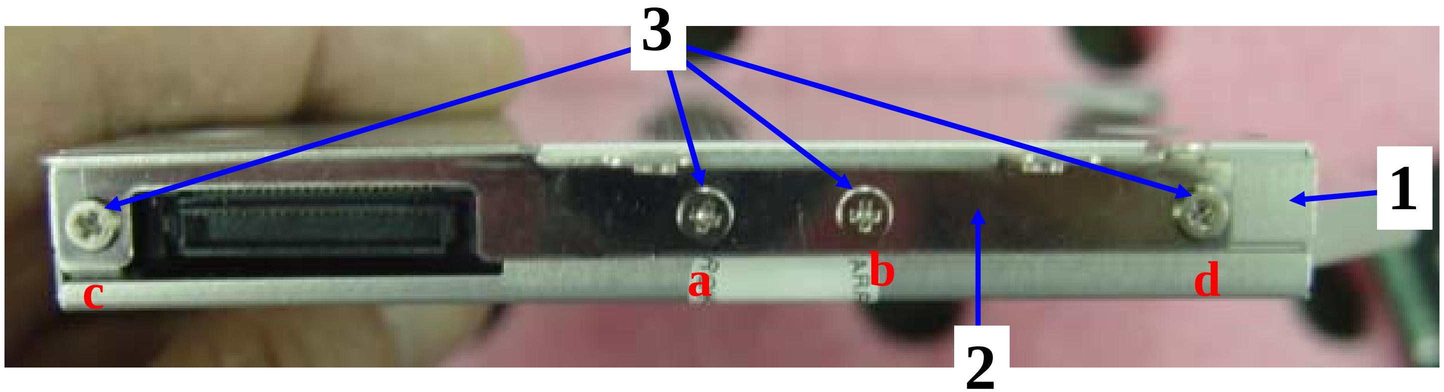
PAGE: 10

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Name of S.O.P :R14KT **ODD SUB SOP**	Working name:**6504-1**	Revision：0	Manufacturing Section : P**E** Date : 2005.07.23

Explanation for illustration



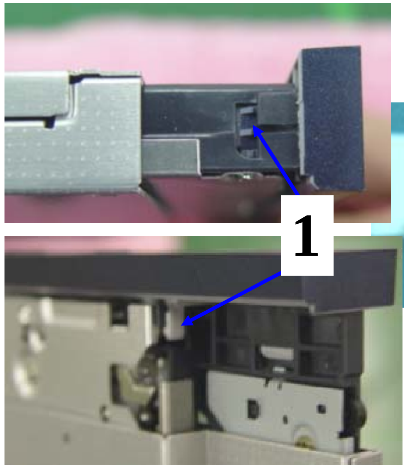
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
For actual materials, please see BOM.	1	COMBO(CD-ROM/CD-RW/DVD-ROM)-GBAS-SBW-243-QSI	70+210029+00	1	Check the appearance of ODD which must be free of scratches and stains, and then place it in the supporting jig.	NA	Lock the screw to support the jig.
		DVD DUAL(CD-RW/DVD-RW/DVD+RW)-SDW-082K-QSI	70+250009+00				
	2	R14KT1-CD-ROM BRACKET-F	40+031680+00	1	Check the appearance of the iron frame.	The iron frame must not be twisted.	NA
	3	SCREW ISOTT-M2X2.5L-NYLOK-B3516Z	41-760520-25	4	Fix the iron frame with four screws in an a-b-c-d sequence.	NA	Electrical Screwdriver/Torque: 1.5± 0.2Kgf-cm

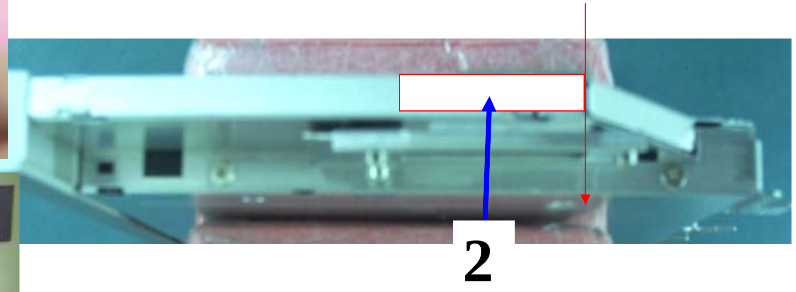
Twinhead S.O.P Document NO: TESOP657

Name of S.O.P :R14KT **ODD SOP**	Working name:**6504-2**	Revision：0	Manufacturing Section : P**E** Date : 2005.07.23

Explanation for illustration







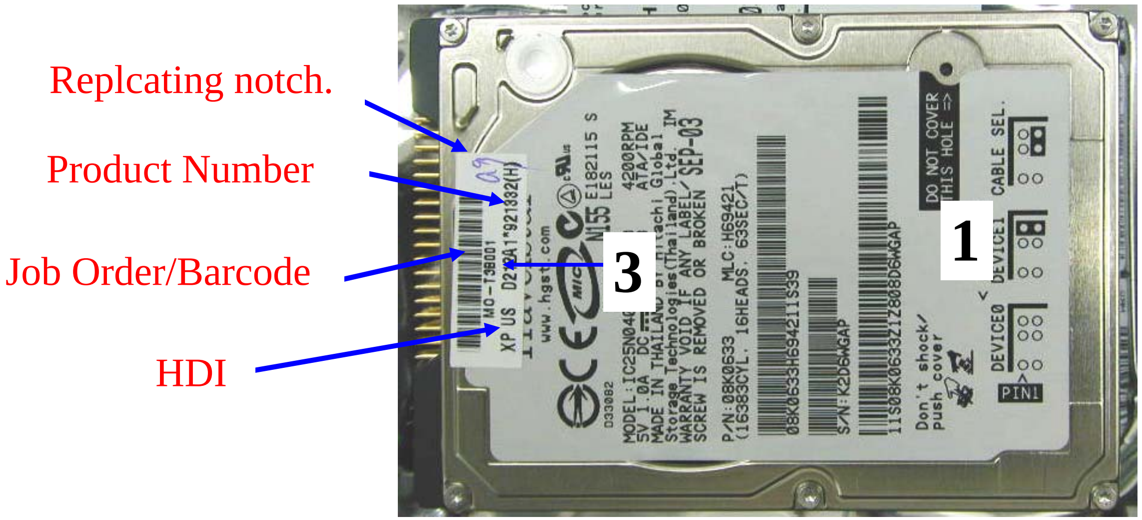
Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
COMBO BEZEL	1	R14KT1-#8574 COMBO BEZEL G BAS ASS'Y-LITEON(NEW PRINT)	50-968201-11	1	Assemble the ODD Bezel in the DVD drive, and three latches in the panel must grasp the body.	Check if the Bezel material number is identical with the body, and the Bezel cannot be twisted.	NA
LITEON G-BAS BEZEL		R14KT1-#8574 BEZEL ASS'Y-FOR LITEON G-BAS W/O PRINT-E1120-09	50-968201-30				
DVD-DUAL BEZEL		R14KT1-#8574 DVD-DUAL BEZEL G BAS ASS'Y-LITEON(NEW PRINT)	50-968201-21				
	2	R15B-MYLAR FOR ODD BRACKET SIDE-E4910A(35x35x0.5mm)	50-023457-01	1	Stick one piece of Mylar at the middle of the left side along the red line marked on the ODD according to the position shown.	NA	NA
	3	NA	NA	NA	Check the ODD and then put it into the packing bag.	NA	NA

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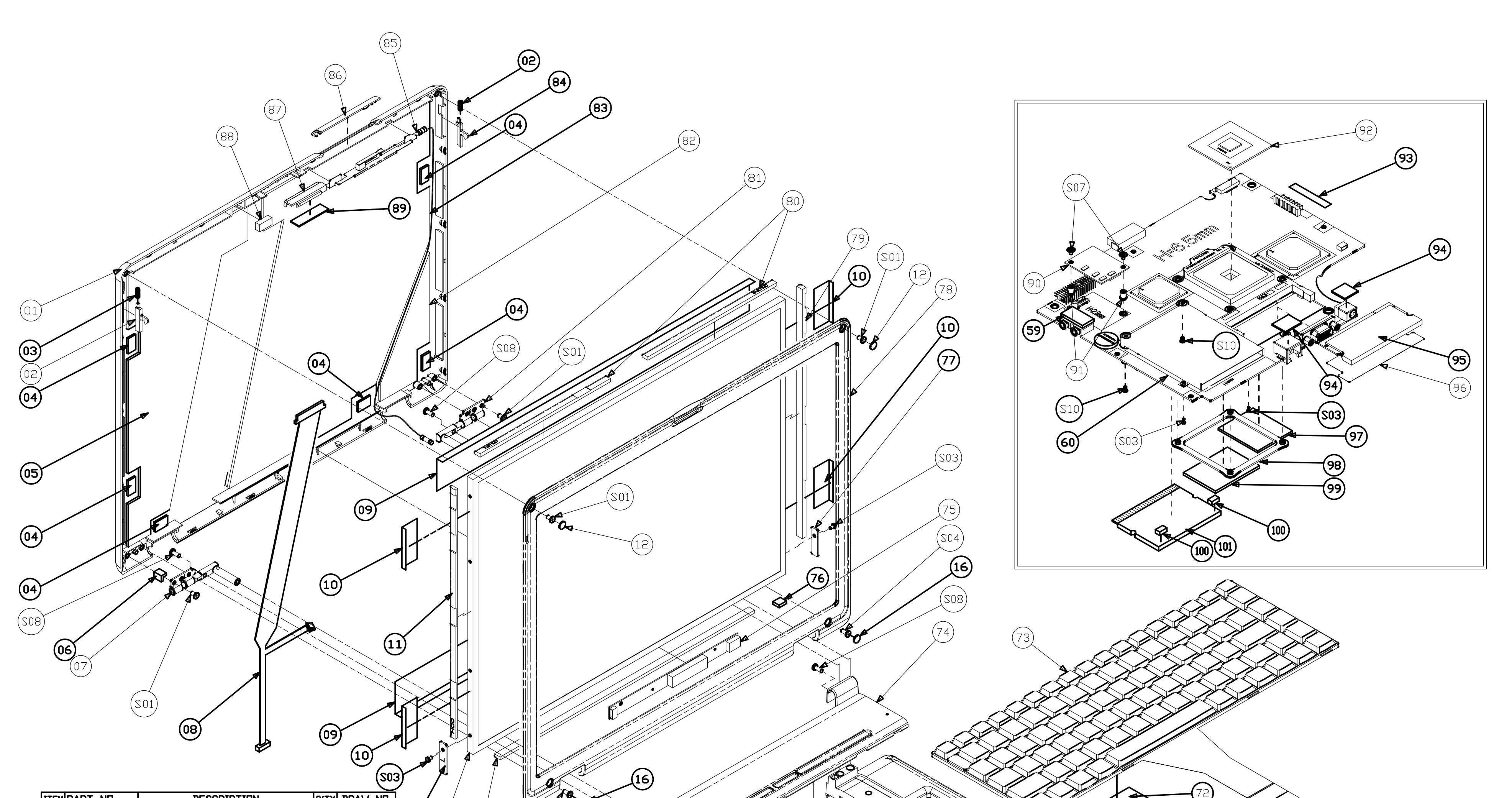
Twinhead S.O.P Document NO: TESOP657

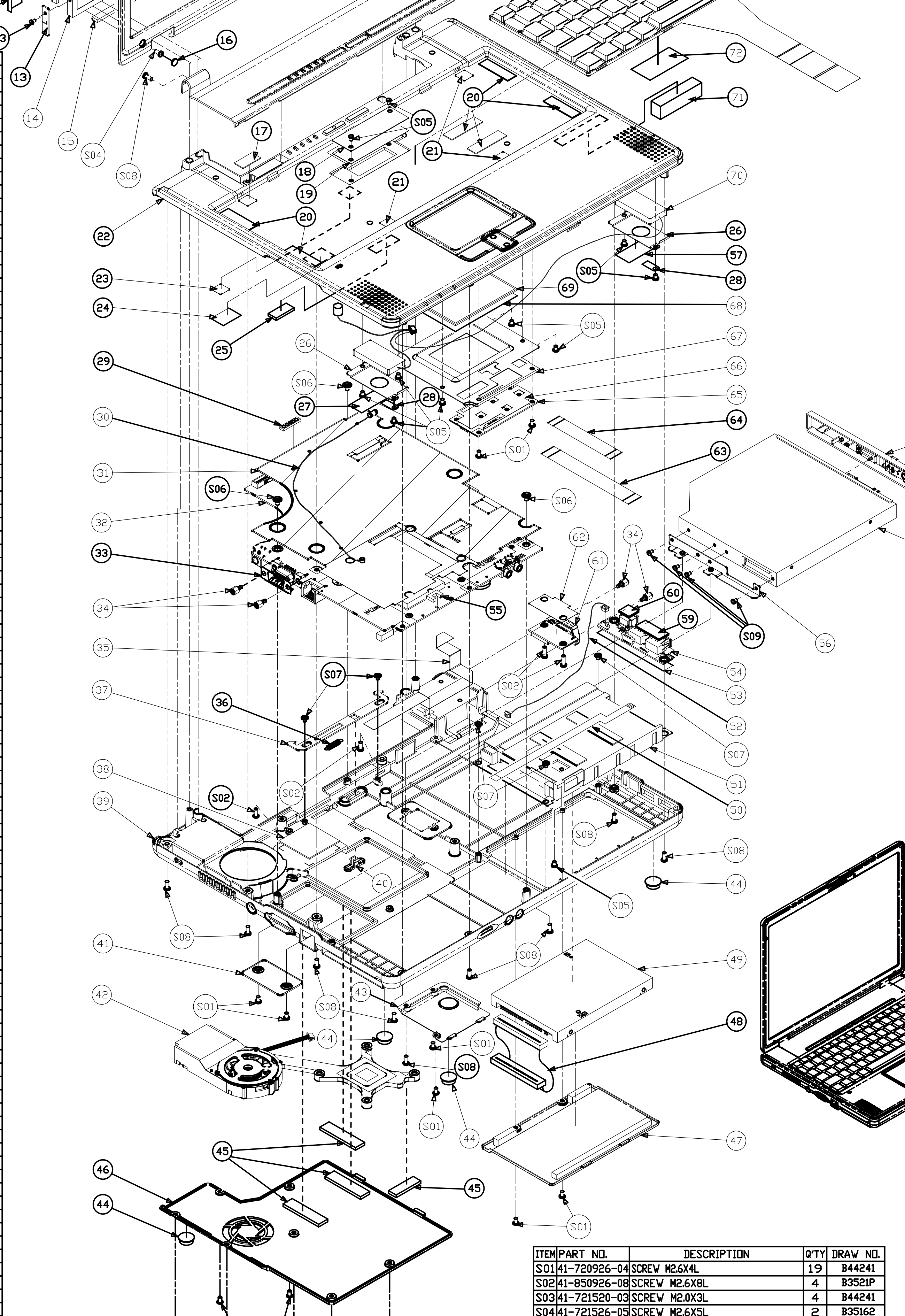
Name of S.O.P : R14KT **HDD SOP**	Working name:**6506**	Revision：0	Manufacturing Section : PE Date : 2005.07.23

Explanation for illustration



Difference	Operation Sequence	Parts Name / Specification	Parts Number	Q'TY	Operation Description	Important Note	Jig / Fixture
For actual materials, please see BOM.	1	HDD-40GB-2.5"-9.5X100X70 mm-MHT2040AT-FUJITSU	70-922400-50	1	Check if the HDD is free of scratches and stains, and the metal Pin cannot be warped.	Handle with care to avoid impact.	NA
		HDD-60GB-4200RPM-2.5" 9.5X100X70mm-MHT2060AT-FUJITSU	70-A22600-10				
		HDD-80GB-4200RPM-MHT2080AT-FUJITSU	70-B22801-00				
Used according to BOM.	2	HDD IMAGE	65-000162-00	NA	Scan the manufacturer's barcode on the HDD and then replicate the HDI.	NA	HDD Copy Machine
	3	ALL MODEL-PRODUCT BAR CODE LABEL-KL1640B (MO LABLE)	63-000710-00	1	Stick according to the position shown in the figure. After finishing the HDD Copy, stick the HDD sign according to the position shown and then indicate the port number of the Copy Machine on the said sign.	Follow the relevant Job Order and O/S.	NA





ITEM	PART NO.	DESCRIPTION	Q'TY	DRAW NO.
1	40+002241+10	R14KT1-LCD COVER-#8750-B1192	1	B1192F
2	40-011131-00	P90E-BATTERY LATCH SPRING-C46860	2	C46860
3	50-041012-11	P14N-LCD HOOK L-POM-E4008D	1	E4008D
4	51-350094-05	CONDUCTIVE SPONGE(9X3.5X20mm)		KL1788G
5	51-036084-20	P14S-UPPER RUBBER-FOR HYUNDAI HT14X19-100	1	E46650
6	52+002450+00	R14KT1-HYDIS LCD RUBBER-L	1	F4442
7	40-015711-00	P14S-HINGE L-F41980	1	F41980
8	29-001780-00	R14KT1-LCD HARNESS FOR HYUNDAI-HT14X19	1	SH780
9	40+008280+00	R14KT1-LCD PANEL AL FOIL	2	F4444
10	40-008050-00	P14N-LCD AL FOIL-E41090	4	E41090
11	52-002054-00	P14S-RUBBER L FOR TOSHIBA-E46650	1	E46650
12	52-002271-10	E14A-PANEL SCREW RUBBER-PANTONE 428C	2	E4039
13	40-031368-01	P14N-LCD BRACKET L (HYUNDAI)-E4150C	1	E4150C
14	72+11423E+00	LCD-14.1" TFT XGA-AU-B141XG10	1	
15	51+036330+00	R14KT1-LCD PANEL LOWER SPONGE	1	F4445
16	52-001085-H0	E14A-RUBBER PAD-PANTONE 428C-B4405	2	B4405
17	27-300051-30	P14N-GASKET-TAPE-(30X10X0.7mm)	1	D4877A
18	52-002276-00	P14N-K/B RUBBER COVER-E4075A	1	E4075A
19	52-002264-00	P14N-K/B RUBBER-E4032B	1	E4032B
20	27-300051-10	N222S1-GASKET TAPE-(80X10X0.7mm)		D4877A
21	27-300051-20	N222S1-GASKET TAPE-(100X10X0.7mm)		D4877A
22	50-968201-02	R14KT1-#8028 UPPER COVER ASS'Y-	1	E1120-03
23	40-008192-00	R15B-AL FOIL FOR CPU MODULE	1	F42450
24	40-008055-00	P14N-BOSS FOIL-E41850	1	E41850
25	51-350094-05	CONDUCTIVE SPONGE-(9X3.5X25mm)		KL1788G
26	40-002243-00	P14N-SPEAKER COVER-E40170	2	E40170
27	40-007050-50	A5000M-K/B SHIELDING ESD CU FOIL	2	D4837
28	40+008281+00	R14KT1-UPPER COVER SPEAKER AL FOIL	2	F4459
29	51-036210-00	E12T SPONGE FOR INDICATOR	1	E47670
30	22-600171-00	ANTENNA FOR BASE	1	F4317
31	50+023690+00	R14KT1-MYLAR FOR M/B-F4381	1	F4381
32	82-A17000-00B	R14KT1-PCB ASS'Y-JP-K8-REV:B	1	B1388
33	40+031682+00	R14KT1-VGA-BRACKET	1	F4443
34	40-010954-00	M1G,M1L-STAND OFF 4#-40 UNC W/NY	4	C46390
35	29+016372+00	R14KT1-COMPORT FFC-M/B-CA372	1	CA3720
36	40-011951-00	N222S1-BATTERY LATCH SPRING	1	D47900
37	50+043041+30	R14KT1-BATTERY LATCH-#8574	1	C3514
38	27+330200+00	R14KT1-THERMAL PAD FOR NORTH BRI	1	F44560
39	40+002560+01	R14KT1-LOWER COVER-#8574-M	1	B1392A
40	40-006040-00	N222S1-BATTERY HOOK-B3377A	1	B3377A
41	40+011164+60	R14KT1-CD-ROM BRACKET DOOR-#8574	1	E4025
42	40+003660+00	R14KT1-HEATSINK MODULE W/FAN	1	D30820
43	40+006201+00	R14KT1-COMMUNICATION DOOR-#8574	1	F43190
44	52-000040-00	A2121-FOOT RUBBER-D49260	4	D49260
45	51-350094-16	CONDUCTIVE SPONGE(10X2X10mm)		KL1788G
46	40+006200+00	R14KT1-CPU DOOR-#8574-M-D3081	1	D3081
47	40+011160+80	R14KT1-HDD DOOR-#8574-C3516	1	C3516
48	29-005070-00	P14G-HDD CABLE-CA3040	1	CA3040
49		HDD	1	
50	29-015370-00	R14KT1 FPC FOR USB BOARD	1	CA370A
51	40-031364-00	P14N-HDD BRACKET-B2256A	1	B2256A
52	29+001774+00	R14KT1 MDC HARNESS	1	SH7740
53	50+023692+00	R14KT1 USB CONNECT MYLAR	1	F43840
54	80-8A1700-00B	R14KT1 PCB ASS'Y JP USB+RJ11	1	D3076
55	51-036211-00	E12T SPONGE FOR POWER LENS	1	E47680
56	40+031680+00	R14KT1 CD-ROM BRACKET	1	F4310A
57	70-210025-00	COMBO CD-ROM/CD-RW/DVD-ROM	1	
58	50-968201-10	R14KT1-#8574-COMBO BEZEL G BAS	1	E1116-03
59	51-035010-10	CONDUCTIVE SPONGE(10X4X30mm)		E4816B
60	50-023331-01	P22AJ-MYLAR FOR PCMCIA SOKET	1	E4515C
61	80-8A1710-00A	R14KT1 PCB ASS'Y JP CPM-R:A	1	D3079
62	50+023693+00	R14KT1-MYLAR FOR COM PORT BOARD	1	F43860
63	29-160250-00	P02G TPD PCB/MB FFC	1	CA250B
64	29-160287-01	A2121 FFC TOUCHPAD TO TOUCHPAD PCB 8PIN	1	CA287B
65	80-561000-00A	P14N-PCB ASS'Y-SE-TOUCHPAD-REV:A	1	
66	50-023390-00	P14N3-MYLAR FOR TOUCHPAD BRACKET	1	E45020
67	40-031362-00	P14N-TOUCHPAD BRACKET-B22540	1	B22540
68	50-023256-00	P14N-TOUCHPAD SYNAPTICS MYLAR	1	E40660
69	73-080052-00	TOUCH PAD-SYNAPTICS-TM41PDR-2350-9100	1	
70	22-300037-01	SPK(R)(L) W/MICROPHONE-W/O RUBBER	1	E4055A
71	50+023691+00	R14KT1-UPPER COVER SPONGE	1	F4478
72	40-008163-00	E12T-AL FOIL FOR K/B BRACKET EMI	1	E4811A
73	71+839101+00	K/B-85 KEY-EN-36599#-R14KT1-K981809A1 US-JME	1	
74	66-614010-T0	P14N-#8162 K/B COVER ASS'Y	1	E1075
75	76-030029-00	INVERTER-5V-5W-DARFON-V069-201-R15GN	1	
76	52+002451+00	R14KT1-HYDIS LCD RUBBER-R	1	F4443
77	40-030640-00	P14S-LCD BRACKET-MG R FOR TOSHIBA-E46710	1	E46710
78	66-614010-U1	P14N-#8162 LCD PANEL W/O LOGO	1	E1075-190
79	52-002055-00	P14S-RUBBER R FOR TOSHIBA-E46640	1	E46640
80	52-002056-00	P14S-UPPER RUBBER-FOR HYUNDAI HT14X19-100	2	E48060
81	40-015710-00	P14S-HINGE R-F41970	1	F41970
82	51-036080-20	P14N-LCD R SPONGE FOR QDI141-E4052A	1	E4052B
83	51-036085-20	P14N-LCD MIDDLE SPONGE FOR QDI141	1	E4104C
84	50-041011-11	P14N-LCD HOOK R-POM-E4007D	1	E4007D
85	22-600170-00	ANTENNA FOR LCD @802.11A/B/G	1	F4316
86	50+035093+70	R14KT1-ANTENNA COVER-#8750-E4091	1	E4091
87	50-000360-00	R14S-LCD DUMMY LENS PLATE-E48230	1	E48230
88	27-600020-01	P14N-MAGNET-11.9X5.9X4mm-E4076-N	1	E4076
89	50-000360-00	R14S-LCD DUMMY LENS PLATE	1	E48230
90	76-060010-00	MDC MODULE	1	
91	40-006202-00	R14KT1-STAND OFF FOR MDC	2	F4351
92	01-2001H9-M1	CPU-AMD K8 MOBILE SEMPRON 2600+-1600MHZ-DuPGA 754	1	
93	50+023691+00	R14KT1-BATTERY CONNECT MYLAR	1	F43850
94	51-350094-15	P88S-CONDUCTIVE SPONGE (10X0.5X10mm)		F4443
95		DDR	1	
96	50-023541-00	F17P-MYLAR FOR DDR-26X70mm-F4052	1	F4052
97	51+007001+00	R14KT1-ABSORBER-CA19-(38X30X0.5mm)	1	F4443
98	40-011730-00	E12K-CPU SUPPOER PLATE-C39150	1	C39150
99	51+007000+00	R14KT1-ABSORBER-CA19-(40X30X0.5mm)	1	F4443
100	52-003091-00	P22T-RUBBER FOR WIRELESS-E45500	2	E45500
101	76-070029-10	WLAN MODULE MINI PCI	1	

ITEM	PART NO.	DESCRIPTION	QTY	DRAW NO.
S01	41-720926-04	SCREW M2.6X4L	19	B44241
S02	41-850926-08	SCREW M2.6X8L	4	B3521P
S03	41-721520-03	SCREW M2.0X3L	4	B44241
S04	41-721526-05	SCREW M2.6X5L	2	B35162
S05	41-720026-03	SCREW M2.6X3L	11	B22521
S06	41+420526+04	SCREW TP/W M2.6X4L	3	B3892C
S07	41-420520-03	SCREW BPS/W-M2.0X3L	7	B3892C
S08	41-721026-06	SCREW M2.6X6L	13	B22521
S09	41-760520-25	SCREW M2.0X2.5L	4	B35162
S10	41-911220-05	SCREW TTB-M2.0X5L-BLACK	2	B22521

TOLERANCE UNLESS OTHERWISE SPEC.	Metal	Plastic	PCB
0--20	±0.10	±0.10	±0.10
20--99	±0.15	±0.15	±0.15
100--199	±0.20	±0.25	±0.20
200-----	±0.25	±0.30	±0.25

89

0	05'-05-05	NEW		CC WANG		TDC050810-03
REV.	DATE	DESCRIPTION	CHANGE BY	APPROVAL BY	REMARK	MDI S/N

MAT'L	SEE NOTE		QTY. 1	UNITS:MM
FINISH			SCALE 1/2	SHEET 1 of 1
DRAW	cany_yang	08/02/05'	PRODUCT NAME:	R14KT1
DSGN	cany_yang	08/08/05'		
CHECK	cany_yang	08/08/05'	DRAWING NAME:	R14KT1_SYSTEM_ASSY_EXPLODE
APPRO	CC WANG	08/09/05		

Twinhead

FILE NO. E1120-05

PART NO. 86-682000-00